

DOCUMENT RESUME

ED 195 682

CE 027 012

AUTHOR Steenhausen, Nancy, Ed.
TITLE Vocational Education Personnel Training Projects in Indiana, 1970-1978. Information Series No. 10--Project Abstracts.
INSTITUTION Indiana Univ., Bloomington. Vocational Education Information Services.
SPONS AGENCY Indiana State Board of Vocational and Technical Education, Indianapolis.
PUB DATE 80
NOTE 97p.
AVAILABLE FROM Vocational Education Services, ICMC/VEIS, 840 State Road 46 Bypass, Room 111, Dept. of Vocational Education, Indiana University, Bloomington, IN 47405 (\$2.00 prepaid: single copies free to Indiana residents).
EDRS PRICE MF01 Plus Postage. PC Not Available from EDRS.
DESCRIPTORS Abstracts: Adult Education: *Inservice Teacher Education: Management Development: Postsecondary Education: *Professional Training: Program Descriptions: Secondary Education: *Staff Development: State Federal Aid: Teacher Improvement: *Vocational Education: Vocational Education Teachers
IDENTIFIERS *Indiana

ABSTRACT

Seventy vocational education personnel training projects funded in Indiana from 1970 through 1978 are abstracted here. Projects are grouped into the following categories: State Board of Vocational and Technical Education Personnel Training Projects, State Board of Vocational and Technical Education Projects 1973-1978, Education Professions Development Act Indiana Consortium for Graduate Leadership Development, and Education Professions Development Act Projects 1970-1977. Included in each project abstract are a summary of the project and such information as project title and number, the name of the agency which developed the project, descriptors from the "Thesaurus of ERIC Descriptors," and other information as available (including contacts, budgets, and project objectives). Information contained in the report is indexed by (1) agencies and school corporations funded, (2) project numbers, (3) project title, and (4) subject by descriptor. (Author/MN)

* Reproductions supplied by EDRS are the best that can be made *
* from the original document. *

ED195682

CE 027 012

INFORMATION SERIES NO. 10
PROJECT ABSTRACTS

Vocational Education Personnel Training Projects
in Indiana, 1970-1978

edited by

Nancy Steenhausen

U.S. DEPARTMENT OF HEALTH,
EDUCATION & WELFARE
NATIONAL INSTITUTE OF
EDUCATION

THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL NATIONAL INSTITUTE OF EDUCATION POSITION OR POLICY.

"PERMISSION TO REPRODUCE THIS MATERIAL IN MICROFICHE ONLY HAS BEEN GRANTED BY

J. Brooks

TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)."

VOCATIONAL EDUCATION INFORMATION SERVICES
INDIANA UNIVERSITY/BLOOMINGTON

1980

VOCATIONAL EDUCATION INFORMATION SERVICES

Vocational Education Information Services is a project designed to meet the information needs of vocational educators in Indiana. It publishes this Information Series and *Communique*, a newsletter which abstracts vocational education research findings and development efforts and reports them to vocational educators.

Vocational Education Information Services also provides free information services to Indiana vocational educators. It maintains a library collection of final reports and products of State Board of Vocational and Technical Education funded projects, research documents from other states, and many publications from the National Center for Research in Vocational Education. Using in-house resources and the resources of the Indiana University Libraries, the project staff can provide the following services:

- document loan
- reference service
- computerized literature searching
- journal article photocopying

In addition, Vocational Education Information Services maintains and makes available for educational and research use a mailing list of Indiana vocational educators.

Requests for information services should be directed to:

Information Specialist
Vocational Education Information Services
Indiana University Library, W501
Bloomington, Indiana 47405
Phone: (812) 337-6711/7751

Vocational Education Information Services operates with funds from the State Board of Vocational and Technical Education. Its products are printed by the Indiana University Publications and Printing Plant.

INFORMATION SERVICES PROJECT

UNDER
CONTRACT
WITH:

**STATE OF INDIANA STATE BOARD OF
VOCATIONAL AND TECHNICAL EDUCATION (SBVTE)**
401 Illinois Bldg., 17 West Market Street
Indianapolis, IN 46204

SBVTE project number: 267-78-III-124
Public Law 94-482, Part A, Section 130

PROJECT
TITLE:

Implementation of the Expanded Indiana
Vocational Education Information Services

CONTRACTOR:

Indiana University/Bloomington

PROJECT
STAFF:

Elaine G. Eigeman, *Editor*
Nancy Steenhausen, *Assistant Editor*
JoAnn Brooks, *Information Specialist*
Constance L. Sweetana, *Technical Assistant*
Thomas R. White, *Project Director*

Vocational Education Information Services
Indiana University
Library, W501
Bloomington, IN 47405

SBVTE, 1980, all rights reserved.

The State Board of Vocational and Technical Education complies with all federal regulations prohibiting discrimination on the basis of race, religion, national origin, sex, age, handicap, or veteran status in matters pertaining to admissions, employment, and access to programs.

ABSTRACT

This report abstracts and summarizes personnel training projects funded in Indiana from 1970 through 1978. The projects are grouped into the categories of:

- State Board of Vocational and Technical Education
Personnel Training Projects
- State Board of Vocational and Technical Education
Projects 1973-1978
- Education Professions Development Act Indiana Consortium
for Graduate Leadership Development
- Education Professions Development Act Projects
1970-1977

Within categories the projects are alphabetized by title.

Each project's abstract includes a summary of the project. Each abstract also includes pertinent project information such as the project title and number, the name of the agency which developed the project, descriptors from the *ERIC Thesaurus of Descriptors*, and other information as available.

Four separate indexes list (1) agencies and school corporations funded, (2) project numbers, (3) project titles, and (4) subject by descriptor.

TABLE OF CONTENTS

FOREWORD	<i>ix</i>
INTRODUCTION	<i>1</i>
ABSTRACTS	<i>5</i>
State Board of Vocational and Technical Education Personnel Training Projects	<i>5</i>
State Board of Vocational and Technical Education Projects 1973-1978	<i>15</i>
Education Professions Development Act Indiana Consortium for Graduate Leadership Development	<i>45</i>
Education Professions Development Act Projects 1970-1977	<i>49</i>
INDEXES	<i>87</i>
Agency Index	<i>89</i>
Project Number Index	<i>90</i>
Project Title Index	<i>91</i>
Subject Index	<i>94</i>

LIST OF FIGURES

Figure 1: Indiana's Personnel Training System	<i>2</i>
Figure 2: Conditional Certification Teacher Education Program--Assigned Regions	<i>11</i>

FOREWORD

The Vocational Education Act of 1968, the Education Professions Development Act, Part F, and the Vocational Education Amendments of 1976 recognize the importance of personnel training as a basis for vocational program planning and implementation. The State Board of Vocational and Technical Education wishes to support a coordinated system of personnel development designed to meet the needs of vocational teachers, administrators, and support personnel serving students/learners in secondary, postsecondary, adult, and related programs across the state.

Special emphasis in vocational personnel training programs is placed on (1) the acquisition of necessary teaching skills and knowledges, (2) meeting the needs of the individual learner, (3) coordination of the instructional efforts within and between educational institutions, and (4) preparing vocational personnel to develop programs that prepare graduates to enter the real world of work as competent and confident persons.

This report summarizes Indiana's personnel training efforts in the 1970's. It can be used to review the objectives and outcomes of programs, projects, and activities, (funded with both federal vocational monies and supplementary EPDA monies) that served vocational personnel in the 1970's. The report can also be used to identify those activities and programs that may need to be continued as well as to suggest new areas or ideas for incorporation into the vocational personnel training system for the 1980's. If you have suggestions or innovative ideas which would assist the State Board in determining vocational personnel training directions, relationships, services, support programs or projects needed for the 1980's, please contact Dr. Mary Jenet Penrod, State Coordinator for Support Services and Program Improvement, 317/232-1826.

DON K. GENTRY
Executive Officer/State Director
of Vocational Education

INTRODUCTION

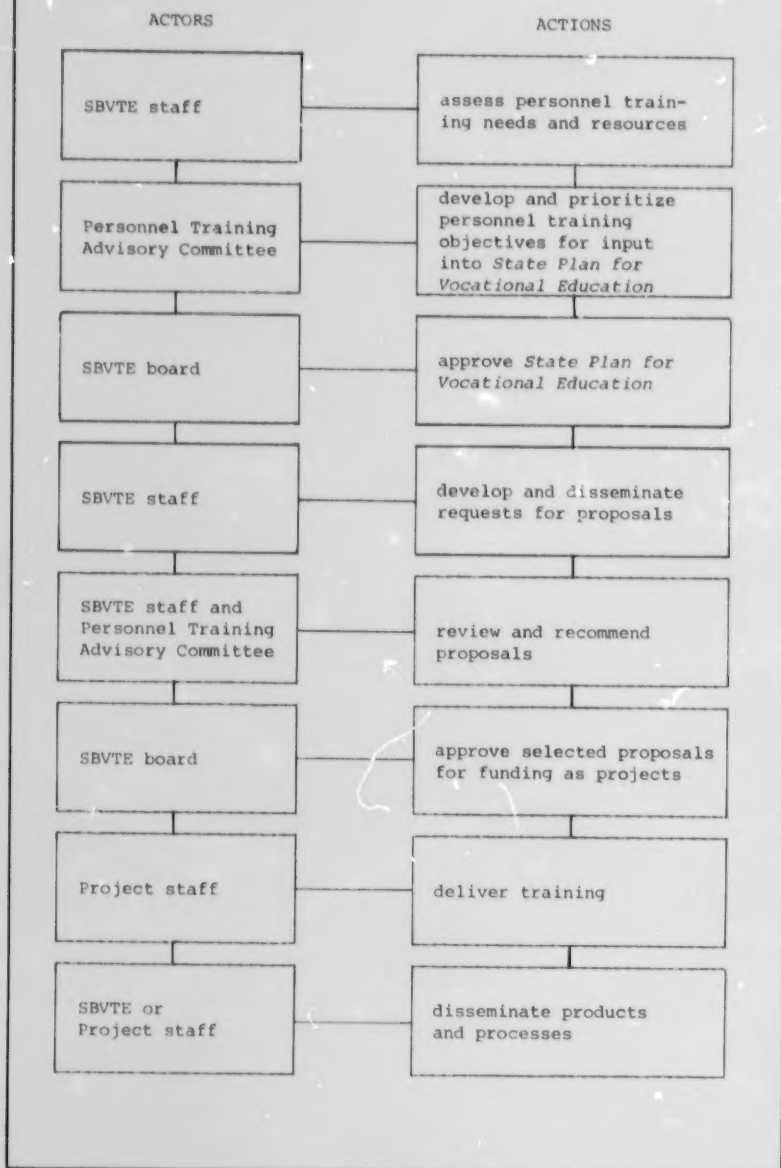
The vocational personnel training system in Indiana includes programs for secondary, postsecondary, and adult vocational teachers, administrators, and support personnel. It also serves other vocational education related personnel, including those in Comprehensive Employment and Training Act (CETA) programs.

The State Board of Vocational and Technical Education (SBVTE) administers Indiana's vocational personnel training system. From fiscal year (FY) 1971 to FY 1978, the SBVTE used funds allocated in Public Law 88-210, Part B-Ancillary, Professional Development to support the state's vocational personnel training system. During FY's 1978 and 1979, the SBVTE used funds allocated in Public Law 94-482, Subpart III, Section 135-Vocational Education Personnel Training to support the system. From FY 1971 through FY 1978, the SBVTE received supplementary funds provided by the Education Professions Development Act (EPDA), Part F to augment the funds allocated under Public Laws 88-210 and 94-482. These supplementary funds enabled the state to offer graduate leadership development awards (EPDA, Part F, Section 552) and to fund additional projects which met the specific inservice training needs and goals of target groups for which no other funding was available (EPDA, Part F, Section 553). These EPDA funds are no longer available, therefore the total State Board effort must now be reflected in the *State Plan for Vocational Education* under Public Law 94-482.

To assess the personnel training needs of vocational personnel the SBVTE staff seeks direct input from local eligible recipients through the annual application, from state level staff, and from university and project personnel. After identifying needs, the SBVTE staff identifies available resources. The state Personnel Training Advisory Committee reviews and adds to the SBVTE staff needs assessment, resource availability findings, and other pertinent materials to determine annual vocational personnel training objectives for input into the *State Plan for Vocational Education*.

When the state plan is approved, the SBVTE staff develops and disseminates requests for proposals (RFP's) designed to meet the needs identified in accordance with state plan objectives

FIGURE 1: Indiana's Personnel Training System



and activities. Together, the SBVTE staff and the Personnel Training Advisory Committee evaluate and recommend proposals for funding. Once proposals have been approved by the SBVTE for funding, the project personnel deliver the training as contracted, utilizing SBVTE staff consultation and assistance as needed. When products and processes are developed during the projects, they are disseminated by the projects and/or the SBVTE (see Figure 1).

Throughout the 1970's, the four state universities received partial SBVTE funding to provide undergraduate personnel training in agribusiness education, business and office education, distributive education, health occupations education, consumer and homemaking education, and industrial education. They also provided graduate personnel training in the same areas as well as in administration and related support services. Funding for these services also came from student tuition and state tax dollars.

The teacher education faculties at the four state universities have also received funding to conduct the intensive education program necessary to certify eligible persons from business and industry to teach vocational classes and to follow-up these conditionally licensed teachers.

In addition to providing support for the state's university-based vocational personnel training system of undergraduate, graduate, and conditional certification programs, the SBVTE coordinates and provides funding for the annual Indiana Vocational Conference, the bi-annual vocational administrator conferences, and other special state-called meetings and sponsors a representative from each of the Indiana Vocational Association affiliates to the American Vocational Association annual convention. By supporting these activities, the SBVTE provides Indiana's vocational teachers, administrators, and support personnel an opportunity to: secure new and updated information and skills, clarify and improve teaching and vocational concepts and procedures related to their roles, communicate with other vocational educators, and develop their personal teaching, administrative, leadership, and counseling skills.

Although the personnel training of staff employed in vocational institutions is primarily the responsibility of that institution, SBVTE staff and university personnel are available to consult with and assist in the planning and delivery of local inservice education programs. Additional inservice programs funded by the SBVTE are conducted throughout the state.

This report summarizes the personnel training projects funded by the SBVTE from 1970 through 1978. The project abstracts are grouped into the categories of:

- SBVTE Personnel Training Projects
- SBVTE Projects 1973-1978
- EPDA Indiana Consortium for Graduate Leadership Development
- EPDA Projects 1970-1977

Each project's abstract contains pertinent information such as the project title and number, the name of the agency which delivered the project, descriptors from the *ERIC Thesaurus of Descriptors*, and other information as available. Each abstract also includes a summary of the project.

Four separate indexes list (1) agencies funded, (2) project numbers, (3) project titles, and (4) subject by descriptor.

ABSTRACTS

**State Board of Vocational and Technical Education
Personnel Training Projects**

SBVTE ANNUAL

TITLE: INSERVICE EDUCATION FOR FACULTY CAREER DIVISION

AGENCY: Vincennes Univ.

BUDGET:	1973-74	\$ 36,500
	1974-75	29,500
	1975-76	29,500
	1976-77	21,000
	1977-78	21,000

DESCRIPTORS: *inservice teacher education, professional continuing education, teaching skills, vocational education*

PROJECT SUMMARY:

Career Division faculty members who identified their inservice training needs developed individual training plans. These plans included attending technical seminars, traveling to other programs, and taking courses to upgrade or update teaching skills. The annually allocated funds were used to pay a portion of the expenses incurred by Career Division faculty members when attending the personnel training program that met their inservice needs.

TITLE: INSERVICE EDUCATION-INDIANA VOCATIONAL TECHNICAL COLLEGE

AGENCY: Indiana Vocational Technical College-Headquarters

BUDGET:

1973-74	\$ 29,000
1974-75	\$ 29,000
1975-76	----
1976-77	\$ 33,000

DESCRIPTORS: *inservice education, professional continuing education, vocational directors, vocational education, vocational education teachers*

PROJECT SUMMARY:

Each year the IVTC-Headquarters staff used the funds for three purposes. First, they gathered information from full- and part-time instructors, administrators, and service personnel in all regions regarding the current status of their training and their need and desire to participate in personnel training activities. After identifying the need for training, the college provided financial support to staff members who actually participated in personnel training activities. The remaining funds were used to upgrade the college's preservice orientation and inservice training programs at each region and in the headquarters.

TITLE: AN INSERVICE TEACHER EDUCATION PROGRAM IN EFFECTIVE
CAREER DECISION MAKING

AGENCY: St. Joseph Calumet College

BUDGET: 1972-73 \$ 43,850
1973-74 \$ 31,576
1974-75 \$ 29,650

DESCRIPTORS: *career education, decision making skills,
human relations, inservice teacher education*

PROJECT SUMMARY:

Each year the college used the funds to provide inservice programs for faculty and administrative staff. The programs increased participants knowledge, understanding, and use of the career education concept, improved their teaching skills, and helped improve their understanding of human relations.

TITLE: PROFESSIONAL DEVELOPMENT AGREEMENTS--TEACHER EDUCATION
CONTRACTS: NONCREDIT OFFERINGS SUCH AS CONDITIONAL
CERTIFICATION AND SERVICES TO LOCAL VOCATIONAL INSTI-
TUTIONS

AGENCY: Ball State Univ., Indiana State Univ., Indiana Univ.,
Purdue Univ.

BUDGET:		BSU	ISU	IU	PU
1973-74	\$ 14,500	\$ 68,387	\$ 31,287	\$ 47,980	
1974-75	14,500	68,382	31,287	47,980	
1975-76	14,500	68,382	30,000	47,980	
1976-77	24,053	76,954	37,413	60,035	
1977-78	33,962	76,388	29,499	74,880	
1978-79	30,655	74,000	34,800	70,569	

DESCRIPTORS: teacher certification, teacher education, voca-
tional education teachers

PROJECT SUMMARY:

Under this annual contract, each of the state universities provided a conditional certification clock-hour program for personnel in the regions assigned to them (see map). This program was for individuals from business and industry who had been selected and hired to teach vocational subjects. It was designed to meet the requirements of both initial and renewal certification.

The program required class work, individual projects, and attendance at approved workshops all of which applied to either the 15 hour original or the 30 hour renewal requirement.

The universities also provided resource persons and materials to eligible recipients (ER's) upon request, and they tried to identify new ways the ER's could use their services.

Funds provided by the SBVTE were used for teaching and secretarial staff salaries, travel, and other program expenses.

Although vocational certification is required only of the faculty in approved secondary vocational programs, this program is open to teachers, supervisors, and administrators at both the secondary and postsecondary levels.

FIGURE 2: Conditional Certification Teacher Education Program--Assigned Regions



TITLE: PROFESSIONAL DEVELOPMENT AGREEMENTS--TEACHER EDUCATION
CONTRACTS: UNDERGRADUATE AND GRADUATE COMPONENT FOR
 UNIVERSITY CREDIT COURSES WHICH REQUIRE TUITION PAYMENT

AGENCY: Ball State Univ., Indiana State Univ., Indiana Univ.,
 Purdue Univ.

BUDGET:	BSU	ISU	IU	PU
1972-73	\$ 35,050	\$ 97,251	\$ 39,396	\$ 116,046
1973-74	21,027	59,945	18,827	63,424
1974-75	47,492	87,127	54,397	87,562
1975-76	62,912	99,391	58,845	88,550
1976-77	57,195	59,944	38,725	69,099
1977-78	28,629	59,494	38,576	76,459
1978-79	15,334	33,211	21,686	43,969

DESCRIPTORS: teacher education, teacher educators, state aid,
 vocational education teachers

PROJECT SUMMARY:

This annual funding is based on 15% of faculty salaries, partial funding for travel and workshop expenses, and a contact hour reimbursement rate. It enabled the universities to provide services and program components in addition to those supported by fees and state legislated funds. These additional activities were delivered to undergraduate and graduate vocational teacher education personnel through college credit courses offered both on- and off-campus.

The services and program components the SBVTE funding provided included: (1) helping undergraduate students obtain baccalaureate degrees and meet certification requirements; (2) providing graduate courses which met the individual inservice needs of vocational personnel, provided for the initial certification of individuals who wanted to move from general subject areas to vocational areas, and updated licenses in accordance with certification requirements; and (3) providing a base for research and development in vocational personnel training.

In implementing their college credit courses, the universities worked as a team, combining their strengths and minimizing duplication.

TITLE: VOCATIONAL AGRICULTURE INTERN PROGRAM

AGENCY: Purdue Univ.

BUDGET: 1970 through 1975 Approximately \$ 25,000 annually,
depending on number of interns.

DESCRIPTORS: preservice education, teacher education, vocational agriculture teachers

PROJECT SUMMARY:

The annually funded program provided prospective vocational agriculture teacher an opportunity to work as interns.

The interns worked with experienced vocational agriculture teachers during the summer program. University staff who supervised the internship programs periodically visited the interns to check their progress.

The university faculty, the interns, and the vocational agriculture teachers considered the internships to be very valuable in preparing prospective vocational agriculture teachers to enter the profession.

ABSTRACTS

**State Board of Vocational and Technical Education Projects
1973-1978**

TITLE: CAREER EDUCATION PROGRAM HELPING ALL IN COUNSELING

PROJECT #: 45-73-C-31

BUDGET: \$ 19,147

AGENCY: Ball State Univ.
Joseph W. Hollis, Project
Director

CONTACT: Joseph W. Hollis
Ball State University
Teachers College, Rm. 622
Muncie, IN 47306
Phone: (317) 285-6769

DESCRIPTORS: career education, counselor training, pre-service education, resource centers, vocational counseling

PROJECT OBJECTIVES:

Prepare counselors to counsel youth in career development.

PROJECT SUMMARY:

The project staff worked with a board of outside consultants and a committee of counselor education faculty and students. Together these groups upgraded existing counselor education curricula and developed career education materials and integrated them into the upgraded curricula.

The project sponsored field internships for preprofessional and professional counselors in business, industry, and government. This activity prepared the participants to work with students in vocational education.

The project also conducted inservice activities for the counselor education faculty. The inservice activities made participants aware of career education and resulted in modifications of counselor education course content and teaching approaches which placed more emphasis on career education.

Throughout the project the project staff increased awareness of career education by conducting classroom presentations and individual conferences, distributing career education materials, producing and presenting video tapes of career education counseling, and acting as career education resource persons.

TITLE: A SYSTEM TO INTEGRATE EFFORTS OF UNIVERSITIES' COUNSELOR EDUCATORS AND VOCATIONAL EDUCATORS TO DEVELOP A STRONGER COUNSELOR TRAINING PROGRAM

PROJECT #: 46-73-C

BUDGET: \$ 9,975

AGENCY: Indiana Univ.
Robert Gibson, Project
Director

CONTACT: Robert Gibson
Indiana University
Smith Research Center
Bloomington, IN 47405
Phone: (812) 337-9010

DESCRIPTORS: counselor educators, counselor training, pre-service education, vocational counseling

PROJECT OBJECTIVES:

1. Equip the Department of Counseling and Guidance at Indiana University to prepare elementary and secondary school counselors to assist students in making career and career-related decisions.
2. Teach all full-time students at the masters level in guidance and counseling to understand employment patterns, career education concepts, and job placement procedures and to administer and interpret the results of vocationally-oriented tests.

PROJECT SUMMARY:

The project staff conducted a survey which identified the competencies needed by guidance personnel to advise and/or teach students about career education.

Advisory committee members representing business and industry, local schools, and Indiana University's departments of counseling and guidance and vocational education conducted a series of meetings in which they interpreted survey data and explored teaching alternatives. Representatives from the university's regional campuses and Indiana University/Purdue University at Indianapolis were invited to participate in the meetings.

TITLE: VOCATIONAL EDUCATION FOR THE DISADVANTAGED AND HANDICAPPED IN INDIANA

PROJECT #: 44-73-C

BUDGET: \$ 5,525

AGENCY: Indiana Univ.
Thomas R. White, Project
Director

CONTACT: Robert C. Harris
Indiana University
School of Education, Rm. 216
Bloomington, IN 47405
Phone: (812) 337-8104

DESCRIPTORS: disadvantaged youth, educational programs,
handicapped students, professional continuing education,
vocational education

PROJECT OBJECTIVES:

1. Study the educational programs for the disadvantaged and handicapped supported by the SBVTE.
2. Identify and recommend the types of educational activities needed by professional personnel involved in programs for the disadvantaged and handicapped.

PROJECT SUMMARY:

The project director met with the state's chief consultant for the disadvantaged and handicapped and the consultant for multicultural teacher education to discuss the project and the current status of the profession in Indiana. He then received related literature.

After identifying the survey population, the director designed two survey questionnaires. The questionnaires gathered data about the approaches being used in serving the disadvantaged and handicapped. The director visited ten programs to gather data which could not be obtained with the survey questionnaires.

After the results were compiled, the project director identified the types of future activities needed by personnel involved in teacher education, research, and evaluation for disadvantaged and handicapped programs.

TITLE: CAREER EDUCATION PROGRAM HELPING ALL IN COUNSELING

PROJECT #: 28-74-C-31

BUDGET: \$ 10,000

AGENCY: Ball State Univ.
Joseph W. Hollis, Project
Director

CONTACT: Joseph W. Hollis
Ball State University
Teachers College, Rm. 622
Muncie, IN 47306
Phone: (317) 285-6769

DESCRIPTORS: career education, counselor training, pre-service education, resource centers, vocational counseling

PROJECT OBJECTIVES:

1. Inform counselors-in-training and counselor educators of available career education materials and techniques.
2. Prepare counselors-in-training to implement career education in the classroom and/or counseling session.

PROJECT SUMMARY:

The project director accomplished the project objectives by presenting materials in the classroom and by holding individual conferences.

In the classroom the director (1) identified career education resource materials, (2) presented videotape demonstrations of career education and life planning counseling techniques which emphasized counselor use of career education materials, and (3) explained the career education techniques of demonstration, modeling, role playing, and value exploration and clarification.

In the individual conferences he discussed the applications of specific career education materials in a classroom situation, in counseling sessions, and when dealing with individual problems.

This project was a continuation of SBVTE project 45-73-C-31 (p. 17).

TITLE: A PLAN FOR THE RESEARCH, DEVELOPMENT, AND IMPLEMENTATION OF A COMPREHENSIVE HEALTH OCCUPATIONS EDUCATION PROGRAM

PROJECT #: 40-74-D-5

BUDGET: \$ 18,800

AGENCY: New Castle Community School Corp.
Beverly Hankenhoff, Project Director

CONTACT: Beverly Hankenhoff
New Castle Area Vocational School
801 Parkview Drive
New Castle, IN 47362
Phone: (317) 529-3503

DESCRIPTORS: health occupations education, information services, inservice teacher education, performance based education, performance based teacher education, professional continuing education

PROJECT OBJECTIVES:

Develop an inservice program to meet the training needs of health occupations instructors.

PROJECT SUMMARY:

The project used mailed questionnaires to identify the professional development needs of health occupations instructors. The project's professional development advisory committee used the questionnaire results to plan the content of five regional assessment workshops. The workshops were organized into the working groups of (1) instructor training, (2) guidance, (3) youth club organization, (4) professional updating, and (5) resource development. Each group produced guidelines for developing a course of study for future health occupations continuing education experiences.

The professional development advisory committee prepared a professional needs assessment based on the workshop results and made recommendations to the project's general advisory committee. These recommendations resulted in the planning of three workshops. The four state universities reviewed the proposed workshops formats and agreed to grant vocational clock hours and/or college credit for the inservice activities. The workshop plans were finalized and notices were mailed to 650 health occupations educators. Two of the three scheduled workshops, Clinical Evaluation and How to Prepare Programmed Instruction, were conducted during the funding period. The third workshop Guidance-In-Nut-Shell, was conducted under SBVTE project 51-75-D (p. 27).

TITLE: A SYSTEM TO INTEGRATE EFFORTS OF UNIVERSITIES' COUNSELOR EDUCATORS TO DEVELOP A STRONGER COUNSELOR TRAINING PROGRAM

PROJECT #: 28-74-C-30

BUDGET: \$ 10,000

AGENCY: Indiana Univ.
Robert Gibson, Project
Director

CONTACT: Robert Gibson
Indiana University
Smith Research Center
Bloomington, IN 47405
Phone: (812) 337-9010

DESCRIPTORS: *counselor educators, counselor training, pre-service education, vocational counseling*

PROJECT OBJECTIVES:

1. Equip the Department of Counseling and Guidance at Indiana University to prepare elementary and secondary school counselors to assist students in making career and career-related decisions.
2. Teach all full-time students at the masters level in guidance and counseling to understand employment patterns, career education concepts, and job placement procedures and to administer and interpret the results of vocationally-oriented tests.

PROJECT SUMMARY:

This project was a continuation of SBVTE project 46-73-C (p. 18). The project attempted to strengthen the aspect of counselor training that prepared counselors to work in comprehensive guidance and counseling systems. In strengthening this aspect of counselor training, the project emphasized career education and job placement and follow-up.

TITLE: DEVELOPMENT AND IMPLEMENTATION OF AN INSERVICE TRAINING PROGRAM FOR CURRICULUM DEVELOPMENT IN AN AREA VOCATIONAL SCHOOL

PROJECT #: 32-75-C

BUDGET: \$ 18,050

AGENCY: South Central Area
Vocational School
H. Ross Brown, Project
Director

CONTACT: H. Ross Brown
South Central Area Vocational
School
R. R. 1
Hardinsburg, IN 47125
Phone: (812) 472-3885

DESCRIPTORS: area vocational schools, course organization, curriculum development, inservice teacher education, instructional improvement, instructional materials, professional continuing education, vocational education

PROJECT OBJECTIVES:

1. Improve the content of all courses taught in the school.
2. Review and revise curricula currently in use.
3. Plan new courses.

PROJECT SUMMARY:

The school's curriculum specialist and program instructors solicited, reviewed, and evaluated curriculum materials gathered from many different sources.

In individual conferences the project director and the program instructors discussed instructional materials, equipment, methodologies, and curriculum revision procedures. Each program instructor then revised his/her course outlines to include measurable objectives and newly developed materials pertinent to the course. Courses of study were also revised to include exit points to assure students developed salable skills even when they did not complete the course. Individualized learning materials were designed for students with specific needs and for specific existing job opportunities.

Curricula were developed for each newly planned vocational program. Bibliographies of existing teaching materials were also developed for each new vocational program.

TITLE: DEVELOPMENT OF A GENERALIZABLE EVALUATION MODEL FOR
VOCATIONAL TEACHER EDUCATION PROGRAM IN INDIANA

PROJECT #: 30-75-C

BUDGET: \$ 11,933

AGENCY: Purdue Univ.
William B. Richardson,
Project Director

CONTACT: William B. Richardson
Purdue University
Vocational Teacher Training, SCC-G
West Lafayette, IN 47907
Phone: (317) 749-2093

DESCRIPTORS: models, program evaluation, teacher education,
vocational education teachers

PROJECT OBJECTIVES:

1. Develop a working model for evaluating vocational teacher education.
2. Gather process and product criteria.
3. Disseminate the working model to users and decision makers.

PROJECT SUMMARY:

The project was conducted jointly with Indiana University (see 31-75-C, p. 25). The project directors identified the components of the evaluation model. They then identified the process and product criteria needed to develop the model and merged them with the tentative model. They developed instruments for collecting process and product criteria, refined the tentative model, and used the instruments to collect data. After analyzing the data collected, the directors and the advisory committee refined the working model. The advisory committee worked with the directors in each stage of development.

The project directors developed reports which described (1) the working model, (2) the results of the process criteria study, and (3) the results of the product criteria study.

The information gathered by the project and the project results were disseminated at a statewide conference for users and decision makers.

TITLE: DEVELOPMENT OF A GENERALIZABLE EVALUATION MODEL FOR
VOCATIONAL TEACHER EDUCATION PROGRAM IN INDIANA

PROJECT #: 31-75-C

BUDGET: \$ 10,261

AGENCY: Indiana Univ.
Thomas R. White, Project
Director

CONTACT: Robert C. Harris
Indiana University
School of Education, Rm. 216
Bloomington, IN 47405
Phone: (812) 337-8104

DESCRIPTORS: models, program evaluation, teacher education,
vocational education teachers

PROJECT OBJECTIVES:

1. Develop a model for evaluating vocational teacher education.
2. Gather process and product criteria for the model.
3. Disseminate the working model to users and decision makers.

PROJECT SUMMARY:

The project was conducted jointly with Purdue University (see 30-75-C, p. 24). The project directors identified the components of the evaluation model. They then identified the process and product criteria needed to develop the model and merged them with the tentative model. They developed instruments for collecting process and product criteria, refined the tentative model, and used the instruments to collect data. After analyzing the data collected, the directors and the advisory committee refined the working model. The advisory committee worked with the directors in each stage of development.

The project directors developed reports which described (1) the working model, (2) the results of the process criteria study, and (3) the results of the product criteria study.

The information gathered by the project and the project results were disseminated at a statewide conference for users and decision makers.

TITLE: DISTRIBUTIVE EDUCATION TEACHER EDUCATION CONSORTIUM FOR PERSONAL CONTACT INSERVICE FOLLOW-UP OF FIRST AND SECOND YEAR DISTRIBUTIVE EDUCATION TEACHER-COORDINATORS AND PREPARATORY DISTRIBUTIVE EDUCATION TEACHERS

PROJECT #: 40-75-C

BUDGET: \$ 17,547

AGENCY: Ball State Univ.,
Indiana State Univ., Indiana Univ.
Rodney Davis, Ralph Mason,
Thomas R. White, Project
Directors

CONTACT: Rodney Davis
Ball State University
Whiting Bldg., Rm. 233
Muncie, IN 47306
Phone: (317) 285-6307

DESCRIPTORS: consultation programs, distributive education teachers, followup studies, inservice teacher education, instructor coordinators

PROJECT OBJECTIVES:

1. Advise and consult with first- and second-year distributive education (DE) coordinators and preparatory teachers.
2. Develop a statewide, uniform follow-up system.

PROJECT SUMMARY:

Distributive education teacher educators from Ball State University, Indiana State University, and Indiana University developed techniques for the follow-up of first- and second-year DE teachers. Each teacher educator conducted follow-up activities in regions assigned by the project.

The follow-up activities required a visit to the teachers and the completion of a visitation profile. The follow-up visitation profile instrument was designed by the project directors so feedback information would be relatively uniform.

The teacher educators visited the new teachers twice during the year.

TITLE: A PLAN FOR THE RESEARCH, DEVELOPMENT, AND IMPLEMENTATION OF A COMPREHENSIVE HEALTH OCCUPATIONS EDUCATION PROGRAM

PROJECT #: 51-75-D

BUDGET: \$ 30,376

AGENCY: New Castle Community School Corp.
Beverly Hankenhoff, Project Director

CONTACT: Beverly Hankenhoff
New Castle Area Vocational School
801 Parkview Drive
New Castle, IN 47362
Phone: (317) 529-3503

DESCRIPTORS: health occupations education, information services, inservice teacher education, performance based education, performance based teacher education, professional continuing education

PROJECT OBJECTIVES:

Develop an inservice program to meet the training needs of health occupations instructors.

PROJECT SUMMARY:

The project continued the work begun in SBVTE project 40-74-D-5 (p. 21).

The professional development advisory committee chairperson asked personnel from the four state universities to develop a better method for meeting the professional development needs of health occupations instructors. After meeting with the university personnel, the committee recommended that they (1) conduct a one-to-two week summer workshop at one of the state universities to meet specific needs identified in the professional development priority list, (2) contact regional planning groups to see how regional inservice activities are implemented and how they could provide specific information to health occupations educators, (3) contact individual universities to establish additional mini-courses to meet the needs of health occupations educators, (4) conduct a survey every three years to update the needs assessment priority list, and (5) contact the certification board to get clarification of the newly adopted certification pattern for health occupations educators. As a result of the first recommendation, Indiana University was contacted and a workshop, Overview of the Health Fields, was developed and conducted.

TITLE: A SYSTEM TO INTEGRATE AND INCREASE EFFORTS OF UNIVERSITIES' COUNSELOR EDUCATORS AND VOCATIONAL EDUCATORS TO DEVELOP A STRONGER COUNSELOR TRAINING PROGRAM

PROJECT #: 54-75-D

BUDGET: \$ 11,968

AGENCY: Indiana Univ.
Robert Gibson, Project
Director

CONTACT: Robert Gibson
Indiana University
Smith Research Center
Bloomington, IN 47405
Phone: (812) 337-9010

DESCRIPTORS: counselor educators, counselor training, pre-service education, vocational counseling, teacher educators

PROJECT OBJECTIVES:

1. Identify the competencies guidance personnel need to advise students of vocational education programs.
2. Teach Indiana University counselor educators and students at the masters level the skills they need to teach and/or advise students of vocational education programs.

PROJECT SUMMARY:

The project staff conducted an extensive survey to identify the competencies needed by guidance personnel to advise and teach students about vocational education. Advisory committee members representing vocational education, counseling and guidance, business and industry, and local schools, assisted with data interpretation and review of training implications. Representatives from Indiana University's regional campuses, Indiana University/Purdue University at Indianapolis, and other counselor education programs in the state were invited to participate in the interpretation and review activities.

The project staff designed instructional activities and initiated a program for full-time students at the masters level.

TITLE: PBVE FOR DE LA GARZA CAREER CENTER IN AREA VOCATIONAL SCHOOL--DISTRICT #1

PROJECT #: 107-77-III-3

BUDGET: \$ 30,592

AGENCY: East Chicago City Schools
Joseph J. Babas, Project Director

CONTACT: Joseph J. Babas
East Chicago City Schools
210 E. Columbus Dr.
East Chicago, IN 46312
Phone: (219) 397-4200

DESCRIPTORS: curriculum development, educational programs, instructional programs, performance based education, vocational education

PROJECT OBJECTIVES:

1. Develop performance based curriculum materials for five vocational areas.
2. Develop a system for teaching the curriculum materials.
3. Develop an administrative process for implementing the curriculum materials.

PROJECT SUMMARY:

The project director appointed five subject area specialists from the world of work to the five curriculum committees. Professional teachers chaired the committees. Each curriculum committee developed a PBVE curriculum for its subject area using the V-TECS system. The committee chairpersons formed a sixth committee and developed a system for teaching the newly developed materials. After the new curricula and the teaching system were approved, the teacher committee developed an implementation process.

TITLE: V-TECS COORDINATION, DEVELOPMENT OF FIVE V-TECS DOMAIN CATALOGS, AND DEVELOPMENT OF AN AGRIBUSINESS DOMAIN MATRIX

PROJECT #: 53-77-III-15

BUDGET: \$ 94,508

AGENCY: Indiana Univ./
Purdue Univ. at Indianapolis
Bill R. West, Project
Director

CONTACT: Bill R. West
Indiana University/Purdue
University at Indianapolis
E & T Bldg., 799 W. Michigan St.
Indianapolis, IN 46202
Phone: (317) 264-8703/2981

DESCRIPTORS: *agribusiness, catalogs, cluster grouping, inservice teacher education, performance based education, task analysis, training objectives*

PROJECT OBJECTIVES:

1. Coordinate the development and use of V-TECS catalogs.
2. Develop performance objective, performance guide, and criterion-referenced measure catalogs for job titles in two occupational domains.
3. Develop an agribusiness matrix showing job title clusters.

PROJECT SUMMARY:

The project directors promoted coordination in catalog development by training the project staff and writing teams to produce the catalogs and by acting as liaisons between the project and V-TECS' central staff. They coordinated catalog use by (1) encouraging cooperation between schools so curriculum development projects would not be duplicated and program articulation could occur and (2) inviting teachers to participate in inservice workshops designed to train them in effective catalog use and curriculum development, adaptation, and evaluation.

Development of the catalogs and the agribusiness matrix required a job title survey, a matrix illustrating job title clusters, a task inventory, a field review catalog, and a final V-TECS catalog. The project obtained the information needed through a mailed survey.

TITLE: AGRICULTURAL EDUCATION SUMMER APPRENTICE PROGRAM, 1978

PROJECT #: 112-78-III-5

BUDGET: \$ 31,464

AGENCY: Purdue Univ.
William B. Richardson,
Project Director

CONTACT: William B. Richardson
Purdue University
Vocational Teacher Training, SCC-G
West Lafayette, IN 47907
Phone: (317) 749-2093

DESCRIPTORS: apprenticeships, instructional programs, pre-service education, program development, program planning, vocational agriculture teachers

PROJECT OBJECTIVES:

Provide vocational agriculture students with on-the-job experience in planning, developing, and operating a vocational agriculture program.

PROJECT SUMMARY:

The project directors selected 15 apprentices from the group of students who were preparing to become vocational agriculture teachers and who were currently enrolled at Purdue University.

The project directors, the local school vocational agriculture instructor, Purdue University's teacher education staff, and the Department of Public Instruction, Division of Vocational Education vocational agriculture consultant developed individualized programs for each apprentice. Each apprenticeship lasted for 12 weeks in the summer.

The activities performed by the apprentices under the direct supervision of the local instructor included (1) directing and supervising student occupational experience programs, (2) helping direct local, district, and state FFA activities, (3) preparing teaching materials, reference materials, and course outlines, (4) sponsoring community activities, (5) supervising school and laboratory activities, (6) participating in teacher improvement programs, and (7) performing other activities as assigned.

TITLE: A CONSORTIA OF EL-TIP-WA, INDIANA VOCATIONAL TECHNICAL COLLEGE-KOKOMO, AND THE INDUSTRIAL COMMUNITY

PROJECT #: 87-78-III-35

BUDGET: \$ 23,056

AGENCY: El-Tip-Wa Area
Vocational School, Indiana
Vocational Technical College-
Kokomo
Richard Mitchell, Project
Director

CONTACT: Don A. Grostefon
El-Tip-Wa Area Vocational School
Box 626, 721 N. 6th St.
Logansport, IN 46947
Phone: (219) 722-3811

DESCRIPTORS: consortia, curriculum development, machinists, needs assessment, performance based education, program development

PROJECT OBJECTIVES:

1. Develop a performance based model to define machine trades so course curriculum can be developed and machine trades programs can be implemented in local schools.
2. Develop a local catalog of performance objectives and criterion reference tests for machine trades job titles.

PROJECT SUMMARY:

The project staff conducted an occupational needs assessment for the area. Committees from El-Tip-Wa Area Vocational School, Indiana Vocational Technical College-Kokomo, and industry reviewed the needs assessment and identified priority areas of need. Representatives of these three groups worked together throughout the project.

After the committee identified priority areas of need, the project staff reviewed the committees' findings, conducted the necessary literature searches, and identified job titles. Job titles identified after the review of the literature were studied to determine which titles should be researched in view of community needs. For each job title selected for further study, the committees (1) conducted interview surveys, (2) verified task inventories, (3) conducted difficulty surveys, (4) wrote performance objectives, performance guides, and criterion referenced tests, and (5) field tested the materials developed.

TITLE: COORDINATED EFFORT FOR DELIVERING VOCATIONAL SPECIAL NEEDS PERSONNEL DEVELOPMENT

PROJECT #: 224-78-III-3

BUDGET: \$ 35,000

AGENCY: Purdue Univ.
Thomas C. Cooke, Project
Director

CONTACT: Thomas C. Cooke
Purdue University
Rm. 40, SCC-F
West Lafayette, IN 47907
Phone: (317) 494-8591/8026

DESCRIPTORS: *disadvantaged youth, handicapped students, inservice teacher education, preservice teacher education, special education*

PROJECT OBJECTIVES:

Develop a coordinated statewide system for providing leadership in the investigation, development, and coordination of preservice and inservice training activities for personnel serving special vocational needs students.

PROJECT SUMMARY:

The four state universities, Ball State University, Indiana State University, Indiana University, and Purdue University, formed a consortium of vocational/special needs so the approach to investigating, developing, and coordinating preservice and inservice activities would be coordinated statewide. The project hired a Special Vocational Needs Coordinator to coordinate and provide leadership to the four state university consortium.

The coordinator (1) helped the universities implement a statewide preservice system for teacher educators in vocational education and special education, (2) developed a plan for a statewide inservice program for personnel serving special vocational needs students, (3) served as a resource person, and (4) disseminated information to personnel serving special vocational needs students.

The project staff identified a contact person at each participating university to develop communication lines between the project and university personnel.

TITLE: DEVELOPMENT AND IMPLEMENTATION OF A STUDENT PERSONNEL SERVICES DEMONSTRATION MODEL

PROJECT #: 45-78-III-45 ,

BUDGET: \$ 60,457

AGENCY: New Albany-Floyd
County School Corp.
Charles E. Fields, Project
Director

CONTACT: Charles E. Fields
New Albany-Floyd County School
Corp.
802 E. Market St.
New Albany, IN 47150
Phone: (812) 945-6681

DESCRIPTORS: area vocational schools, models, student
personnel services

PROJECT OBJECTIVES:

1. Develop a student personnel services model for area vocational schools.
2. Disseminate the model in one-day workshop presentations.

PROJECT SUMMARY:

The project operated in two phases. During the first phase, the project staff developed and tested a materials package titled *Keys to Success in Student Personnel Services: A Description of a Model Program* which outlined the development, implementation, operation, evaluation, and modification of the student personnel services department. They also developed and tested a media package which included slides, tapes, overlays, and other audiovisual materials.

During the second phase, the staff conducted three demonstration workshops for interested persons. The materials developed in phase one were used in the workshops. After the workshops the presenters conducted evaluations to determine what modifications were needed.

TITLE: DEVELOPMENT OF A CADRE OF PERFORMANCE BASED VOCATIONAL
EDUCATION CURRICULUM SPECIALISTS/WRITERS

PROJECT #: 111-78-III-5

BUDGET: \$ 52,420

AGENCY: Indiana State Univ.
Bill R. West, Project
Director

CONTACT: Bill R. West
Indiana University/Purdue
University at Indianapolis
E & T Bldg., 799 W. Michigan St.
Indianapolis, IN 46202
Phone: (317) 264-8703/2981

DESCRIPTORS: curriculum development, inservice teacher
education, inservice training, performance based education,
preservice teacher education, school cadres, vocational
education

PROJECT OBJECTIVES:

1. Develop a procedure for training people to become
performance based vocational education (PBVE)
curriculum specialists/writers.
2. Train curriculum specialists/writers.
3. Develop plans to include the training of curriculum
specialists/writers in pre- and inservice teacher
education programs.

PROJECT SUMMARY:

The project director developed and planned a series of
training, planning, and evaluating sessions. People inter-
ested in becoming PBVE curriculum specialists/writers attended
the sessions.

Completing the training sessions prepared the PBVE
curriculum specialists/writers to help teachers work with
PBVE materials. The project upgraded PBVE programs by (1)
training curriculum specialists/writers so they could train
others and (2) developing plans for providing PBVE curriculum
specialist/writer training in regular teacher education
programs.

TITLE: INSERVICE PROGRAM FOR CONSUMER AND HOMEMAKING TEACHERS

PROJECT #: 219-78-V(XP)

BUDGET: \$ 10,000

AGENCY: Indiana Univ.
Margil Vanderhoff, Project
Director

CONTACT: Margil Vanderhoff
Indiana University
Dept. of Home Economics
Wylie 215
Bloomington, IN 47405
Phone: (812) 337-4627

DESCRIPTORS: activity units, consumer education, homemaking education, inservice teacher education, instructional materials

PROJECT OBJECTIVES:

1. Develop instructional materials.
2. Plan laboratory experiences.
3. Plan and implement inservice meetings for consumer and homemaking education teachers.
4. Conduct a follow-up of participants.
5. Evaluate the project activities.

PROJECT SUMMARY:

The project staff developed instructional materials, planned laboratory experiences, and developed the format of the inservice meetings. They conducted the meetings on Saturdays in four different geographical locations around the state. Their goal was to include at least 50% of the state's consumer and homemaking education teachers in the meetings.

A project advisory committee composed of one teacher educator from each of the four state universities and the Department of Public Instruction, Division of Vocational Education home economics education chief consultant helped the project staff implement the inservice meetings, conduct follow-up activities, and evaluate the materials developed, the laboratory experiences, the meetings, and the follow-up activities.

TITLE: INSERVICE PROGRAM FOR COUNSELOR RENEWAL AND GUIDANCE
PROGRAM DEVELOPMENT

PROJECT #: 292-78-III-5

BUDGET: \$ 10,000

AGENCY: Purdue Univ.
Allen Segrist, Project
Director

CONTACT: Allen Segrist
Purdue University
Dept. of Education
West Lafayette, IN 47907
Phone: (317) 749-2278

DESCRIPTORS: cooperative education, counseling instructional
programs, counselor training, inservice education, occupational
guidance, vocational counseling

PROJECT OBJECTIVES:

Provide counselors inservice training that will enable
them to systematically plan, develop, implement, and
evaluate a comprehensive vocational guidance and coun-
seling program.

PROJECT SUMMARY:

The project director and the directors of five state-
funded comprehensive vocational guidance and counseling
demonstration projects planned the inservice activities in
four one-day sessions. The project director assessed the needs
of the demonstration project directors and of a sample of
Indiana guidance personnel to determine which topics to
include in the inservice program and to identify appropriate
consultants for the workshop. Counselors were made aware of
the workshop through professional newsletters, flyers, media
announcements, and telephone calls.

During the workshop, participants engaged in brainstorming
activities which helped them identify work-centered achieve-
ments and questions and reviewed their attitudes toward inno-
vations, and changing demands. Participants used a previously
developed model for a comprehensive vocational guidance and
counseling program to identify the unique characteristics of
their own programs and incorporate them into a model that would
work in their schools. Each participant kept an awareness
journal throughout the workshop which included a personal plan
of commitment and a statement of actions to be taken.

TITLE: INSERVICE WORKSHOPS: TEACHING SPECIAL NEEDS LEARNERS
IN VOCATIONAL HOME ECONOMICS

PROJECT #: 62-78-V

BUDGET: \$ 7,947

AGENCY: Purdue Univ.
Lucille Frick, Project
Director

CONTACT: Lucille Frick
Purdue University
Home Economics Education, SCC-F
West Lafayette, IN 47907
Phone: (317) 494-8680

DESCRIPTORS: *disadvantaged youth, handicapped students, home economics teachers, inservice teacher education, instructional materials, needs assessment, occupational home economics, teaching methods*

PROJECT OBJECTIVES:

1. Prepare participants to plan instruction for special needs students.
2. Teach participants to modify instructional materials, tools, and equipment for special needs students.
3. Identify appropriate instructional strategies for teaching special needs students.

PROJECT SUMMARY:

The project staff conducted twelve, one-day workshops, one in each of the state's vocational planning districts. The state consultants for vocational home economics publicized the workshops and arranged meeting locations.

The workshops helped participants (1) identify the types and characteristics of special needs students, (2) assess learner problems and appropriate teaching methods, (3) identify and analyze instructional strategies and materials, and (4) develop awareness of equipment and facilities modification procedures. The teaching methods used in the workshops included illustrated lectures, films, simulated teaching experiences, and demonstrations. Resources with modules for improving the teacher's ability to effectively train special needs students were on display during the workshops. Models for adapting instructional materials for special needs students and sample lesson plans focusing on independent living skills were developed and made available to the participants.

TITLE: A NEEDS ASSESSMENT TO MEASURE THE INSTRUCTIONAL NEEDS OF SCHOOL-AGE PARENTS IN INDIANA SCHOOL-BASED PROGRAMS

PROJECT #: 107-78-V

BUDGET: \$ 1,000

AGENCY: Purdue Univ.
Phyllis Lowe, Joan E.
Roberts, Project Directors

CONTACT: Joan E. Roberts
Purdue University
Dept. of Education, SCC-F
West Lafayette, IN 47907
Phone: (317) 494-8680

DESCRIPTORS: consumer education, educational needs, homemaking education, needs assessment, parent education, teenagers, secondary education, sex differences

PROJECT OBJECTIVES:

1. Assess the instructional needs of school-age parents as they relate to the skills, attitudes, and knowledges taught in secondary consumer and homemaking.
2. Identify differences between female school-age parents' perceptions of their needs and male school-age parents' perceptions of their needs.
3. Identify differences between how personnel who work with school-age parents perceive the needs of these parents and how school-age parents perceive their needs.
4. Identify areas in which materials/learning activities need to be adopted or developed to meet the perceived needs of school-age parents.

PROJECT SUMMARY:

The project staff developed a survey instrument to retrieve the information needed to conduct the analysis. Approximately 120 female school-age parents, 40 male school-age parents, and 24 persons who work closely with school-age parents in school-based parenting programs were surveyed.

Fifteen of the female school-age parents surveyed responded to the survey in a one-to-one interview with project staff. The staff interviewers monitored the completion of the survey and clarified questions.

TITLE: STATUS OF VOCATIONAL PROGRAMS FOR INDIANA SPECIAL NEEDS POPULATION

PROJECT #: 109-78-III-5

BUDGET: \$ 15,000

AGENCY: Indiana State Univ.
Anne M. Lee, Thomas Reckerd,
Project Directors

CONTACT: Anne M. Lee
Indiana State University
Dept. of Home Economics
Terre Haute, IN 47809
Phone: (812) 236-6311

DESCRIPTORS: educational assessment, educational programs, needs assessment, special education, vocational education

PROJECT OBJECTIVES:

1. Analyze and report on the conditions of special needs populations in secondary, postsecondary, and adult vocational education programs in Indiana.
2. Project needs for staff, curriculum, and interagency cooperation.

PROJECT SUMMARY:

The project staff used available data to identify (1) the number of special needs students, (2) the ways students were served, (3) the types of programs available, (4) the support services available to students and staff, (5) the extent of interagency cooperation, and (6) the agency services and financial resources available to the special needs population. They collected additional data by surveying a random sample of secondary and postsecondary mainstreamed and isolated programs. Data collected with the survey included (1) learning material needs of teachers and students by program area, *Dictionary of Occupational Titles* job titles, and various special needs conditions, (2) descriptive information on the teaching staffs, (3) perceived problems and needs, and (4) the extent of interagency cooperation.

The available data and the survey data were cross-tabulated to confirm accuracy. The findings provided a basis for projecting needs.

TITLE: A HUMAN RESOURCES DEVELOPMENT SUBSYSTEM FOR PERFORMANCE BASED VOCATIONAL EDUCATION

PROJECT #: 270-78-III-35

BUDGET: \$ 205,723

AGENCY: Indiana Univ./
Purdue Univ. at Indianapolis
Edgar Fleenor, Jerry C.
Keiser, Project Directors

CONTACT: Edgar Fleenor
Indiana University/Purdue University at Indianapolis
799 W. Michigan St., ET 1107H
Indianapolis, IN 46202
Phone: (317) 264-8703

DESCRIPTORS: articulation (program), auto mechanics, inservice education, performance based education, task analysis

PROJECT OBJECTIVES:

1. Develop an inservice program to help school personnel implement Performance Based Vocational Education (PBVE) curriculum materials and media.
2. Develop two model sites to demonstrate articulation between secondary and postsecondary PBVE programs.
3. Develop two domain catalogs for the auto mechanics matrix.
4. Conduct task analyses for two job titles in the auto mechanics domain.

PROJECT SUMMARY:

The project directors developed a variety of inservice training packages which described the PBVE system and explained the steps involved in implementing a PBVE program. Inservice programs were then conducted throughout the state.

The project directors subcontracted the task of developing, implementing, and demonstrating articulation between secondary and postsecondary schools with similar PBVE offerings to schools which they believed could become model sites.

Two auto mechanics domain catalogs and task analyses of two job titles in the auto mechanics domain were developed concurrently with other project activities.

TITLE: SUMMER INTERNSHIP PROGRAM FOR WORKING WITH DISADVANTAGED STUDENTS

PROJECT #: 115-78-II-D

BUDGET: \$ 23,980

AGENCY: Indiana State Univ.
Anne M. Lee, Ruth Turner,
Project Directors

CONTACT: Sam Wiersteiner
Indiana State University
Vocational-Technical Services
Ctr., TAW 200
Terre Haute, IN 47809
Phone: (812) 323-6311
ext. 5371

DESCRIPTORS: disadvantaged youth, educational resources, handicapped students, interinstitutional cooperation, internships, preservice teacher education, teaching methods

PROJECT OBJECTIVES:

Provide prospective vocational teachers and certified vocational teachers an opportunity to gain experience in planning and conducting summer vocational programs for the disadvantaged and the handicapped.

PROJECT SUMMARY:

The project was conducted jointly with Purdue University (see 116-78-II-D, p. 43). Together the project directors from both universities selected 19 vocational education students to participate in the internship program. Each intern served for ten weeks in one of the 15 cooperating vocational education programs for the disadvantaged and handicapped in the state.

The project staff and the vocational director or the director of the cooperating educational agency developed specialized work programs for each intern. The interns attended a two-day orientation workshop before beginning the ten-week work experience.

During the first week of the internship, the interns worked with their local supervisors developing overall goals for the experience, formulating specific objectives, and identifying activities. The interns kept daily logs of their activities and prepared summaries of their experiences at the end of the ten-week period. The project staff evaluated the interns' perceptions of their experiences at the conclusion of the internship program.

TITLE: SUMMER INTERNSHIP PROGRAM FOR WORKING WITH DISADVANTAGED STUDENTS

PROJECT #: 116-78-II-D

BUDGET: \$ 23,980

AGENCY: Purdue Univ.
Phyllis Lowe, Jeffrey Owings,
Project Directors

CONTACT: Phyllis Lowe
Purdue University
Vocational Teacher Training, SCC-F
West Lafayette, IN 47097
Phone: (317) 494-8026

DESCRIPTORS: disadvantaged youth, educational resources, handicapped students, interinstitutional cooperation, internships, preservice teacher education, teaching methods

PROJECT OBJECTIVES:

Provide prospective vocational teachers and certified vocational teachers an opportunity to gain experience in planning and conducting summer vocational programs for the disadvantaged and the handicapped.

PROJECT SUMMARY:

The project was conducted jointly with Indiana State University (see 115-78-II-D, p. 42). Together the project directors from both universities selected 19 vocational education students and one special education student to participate in the internship program. Each intern served for ten weeks in one of the 15 cooperating vocational education programs for the disadvantaged and handicapped in the state.

The project staff and the vocational director or the director of the cooperating educational agency developed specialized work programs for each intern. The interns attended a two-day orientation workshop before beginning the ten-week work experience.

During the first week of the internship, the interns worked with their local supervisors developing overall goals for the experience, formulating specific objectives, and identifying activities. The interns kept daily logs of their activities and prepared summaries of their experiences at the end of the ten-week period. The project staff evaluated the interns' perceptions of their experiences at the conclusion of the internship program.

ABSTRACTS

Education Professions Development Act

Indiana Consortium for
Graduate Leadership Development

EPDA FELLOWSHIPS

TITLE: EDUCATION PROFESSIONS DEVELOPMENT ACT, PART F, SECTION 552, INDIANA CONSORTIUM FOR GRADUATE LEADERSHIP DEVELOPMENT

PROJECT #: 1975-76 G00-75-02143
1976-77 G00-76-03482
1977-78 G00-77-01134

AGENCY: Ball State Univ., Indiana State Univ., Indiana Univ., Purdue Univ., State Board of Vocational and Technical Education

BUDGET: 1975-76 \$ 52,750 5 awardees
1976-77 45,950 4 awardees
1977-78 62,550 6 awardees

DESCRIPTORS: fellowships, inservice education, leadership, professional continuing education, vocational directors, vocational education

PROJECT SUMMARY:

To administer this leadership development program Indiana organized a consortium of the state universities which operated in cooperation with the State Board of Vocational and Technical Education. The objective of the Consortium for Advanced Study in Vocational and Technical Education was to prepare experienced vocational-technical personnel for a variety of specialized leadership positions in vocational education. Organizing the consortium enabled the state to maximize the resources available at each university and to provide flexible, individualized programs for each fellowship awardee.

Students admitted to the consortium as fellowship awardees pursued graduate study in the leadership development areas of their choice. They received stipends and monies for fees, tuition, and certain travel expenses.

Each awardee chose a primary university for study, but each had the opportunity to take courses for credit at any of the other participating universities. While in school, the awardees gained additional experience and knowledge by attending seminar sessions, developing special projects, taking trips, and participating in internship experiences. Faculty members from each participating university served as graduate advisors, seminar session leaders, resource persons, and members of the consortium coordinating council.

The names of individuals who received leadership development fellowships are listed on the following page.

FELLOWSHIP AWARDEES

1975-76

John E. Calvert, Ball State University/Muncie

Rose Conti, Purdue University/West Lafayette

Daniel J. DuBois, Indiana University/Bloomington

Raymond Findley, Indiana State University/Terre Haute

Georgia Travis, Purdue University/West Lafayette

1976-77

Marilyn Ambrose, Purdue University/West Lafayette

John E. Calvert, Ball State University/Muncie

Daniel J. DuBois, Indiana University/Bloomington

Roberta Patmore Wehmeier, Indiana University/Bloomington

1977-78

Marilyn Ambrose, Purdue University/West Lafayette

Sandra Ann Angelo, Purdue University/West Lafayette

Gregory B. Boatright, Indiana University/Bloomington

Jeff Heier, Ball State University/Muncie

Tim Jackson, Ball State University/Muncie

Ina Moseley, Indiana University/Bloomington

ABSTRACTS

Education Professions Development Act Projects

1970-1977

TITLE: INDIANA LEADERSHIP DEVELOPMENT PROJECT FOR VOCATIONAL ADMINISTRATIVE PERSONNEL

PROJECT #: OEG-0-70-1971-002521

AGENCY: Ball State Univ.,
Indiana State Univ., Indi-
ana Univ., Purdue Univ.
Robert C. Harris, Project
Director

CONTACT: Robert C. Harris
Indiana University
School of Education, Rm. 216
Bloomington, IN 47405
Phone: (812) 337-8104

DESCRIPTORS: administrator education, inservice education, interagency cooperation, interdisciplinary approach, professional continuing education, program evaluation, program planning, vocational directors

PROJECT OBJECTIVES:

1. Relate leadership concepts to vocational program administration and supervision.
2. Increase understanding of interdisciplinary vocational education.
3. Develop new methods of planning, conducting, and evaluating vocational programs.
4. Facilitate working relationships among vocational education personnel.

PROJECT SUMMARY:

Members of the four state university consortium developed a four-part program to achieve the project objectives. The parts included synergistic studies, micro studies, contracted studies, and travel studies. Synergistic and micro study activities were conducted in two-to-five day retreats. The activities offered ranged from debates on problems in Indiana to intensive sessions on select competencies. Contracted studies included independent study. Travel studies comprised out-of-state meetings with leaders in vocational education.

Secondary and postsecondary administrators and state-level consultants in administrative positions participated in the programs. The cooperating universities offered 18 hours of graduate credit to program participants.

TITLE: INSERVICE TRAINING FOR STATE OF INDIANA DIVISION OF VOCATIONAL EDUCATION PERSONNEL

PROJECT #: OEG-O-70-1971(725)

AGENCY: Indiana Univ.
Robert C. Harris, Project
Director

CONTACT: Robert C. Harris
Indiana University
School of Education, Rm. 216
Bloomington, IN 47405
Phone: (812) 337-8104

DESCRIPTORS: educational administration, educational planning, inservice education, management by objectives, professional continuing education, state departments of education, vocational education

PROJECT OBJECTIVES:

Develop the administrative, leadership, and decision-making skills of Department of Public Instruction (DPI), Division of Vocational Education (DVE) staff members.

PROJECT SUMMARY:

The project coordinating team assessed the needs and interests of DVE personnel, developed specific program objectives, and identified appropriate instructional methods. The instructional methods used included (1) a series of two- and three-day intensive workshops and (2) travel study to national and regional meetings and institutes.

Consultants from Ball State University, Indiana University, and Purdue University conducted specific learning activities in the workshops. The underlying purpose of all the project activities was to improve communication skills, develop a management system, clarify administrative roles, unify the DVE staff, and develop good morale.

TITLE: INTERDISCIPLINARY PROFESSIONAL LEADERSHIP DEVELOPMENT:
A SIXTH-YEAR PROGRAM FOR VOCATIONAL DIRECTORS/SUPERVISORS

PROJECT #: OEG-O-70-1971-002521

AGENCY: Indiana State Univ. **CONTACT:** Ralph E. Mason
Ralph E. Mason, Thomas Indiana State University
Reckerd, and Ruth Turner, School of Business
Project Directors Terre Haute, IN 47809
Phone: (812) 332-6311
ext. 2134

DESCRIPTORS: certification, inservice teacher education, internship programs, leadership training, vocational education teachers

PROJECT OBJECTIVES:

1. Prepare vocational educators to assume leadership roles.
2. Certify educators currently in leadership roles who are not properly certified.

PROJECT SUMMARY:

The project developed a two-year vocational leadership program for individuals with masters degrees in vocational education. The program operated in four phases: (1) preinternship, (2) internship, (3) postinternship, and (4) inservice.

The university established the Center for Professional Development in Vocational-Technical Education to implement the vocational leadership program. The center managed the leadership program in an interdisciplinary manner, using the staff and resources of various university departments, schools, and services.

During a three-year time span, thirty-six students completed the two-year program. The program made the students eligible for certification as vocational education supervisors or administrators in Indiana after completing three years of administrative or supervisory work.

TITLE: INDIANA LEADERSHIP DEVELOPMENT PROJECT

PROJECT #: OEG-5-74-0141-F5003VL

AGENCY: Ball State Univ.,
Indiana State Univ., Indi-
ana Univ., Purdue Univ.
Robert C. Harris, Project
Director

CONTACT: Robert C. Harris
Indiana University
School of Education, Rm. 216
Bloomington, IN 47405
Phone: (812) 337-8104

DESCRIPTORS: administrative policy, educational adminis-
tration, evaluation methods, interagency cooperation,
interinstitutional cooperation, management systems, voca-
tional directors, vocational education

PROJECT OBJECTIVES:

1. Develop the leadership skills of vocational administrators.
2. Develop and/or improve communication lines among vocational administrators at all levels.
3. Develop patterns for cooperative interaction among the state universities and between the universities and vocational administrators.

PROJECT SUMMARY:

Thirty vocational administrators representing all educational levels participated in the workshop. The workshop included (1) study of administrative problems and procedures, (2) involvement and field study in management and personnel administration, (3) field study of agencies, resources, and facilities, and (4) study of evaluation models, systems management techniques, and decision-making strategies. The studies were conducted in three phases: synergistic, micro, and contracted.

TITLE: INSERVICE EDUCATION TO IMPLEMENT CURRICULAR REVISIONS
IN CONSUMER AND HOMEMAKING FOUNDATIONS AND FOOD AND
NUTRITION

PROJECT #: OEG-5-74-0141-F5003VL

AGENCY: Dept. of Public
Instruction, Div. of Voca-
tional Education
Joyce Konzelman, Project
Director

CONTACT: Joyce Konzelman
Dept. of Public Instruction
Div. of Vocational Education
State House, Rm. 229
Indianapolis, IN 46204
Phone: (812) 927-0257

DESCRIPTORS: curriculum development, foods instruction,
home economics education, home economics teachers, inservice
teacher education, interpersonal relationship, nutrition
instruction

PROJECT OBJECTIVES:

1. Teach participants to use recently developed
course-planning curriculum materials.
2. Help participants learn techniques for teaching
consumer education, interpersonal relations, and
nutrition.

PROJECT SUMMARY:

The project conducted five-hour workshops in 12
locations around the state for two consecutive semesters.
Consumer and homemaking education teachers at the secondary
level participated in the first semester workshops. Teachers
of in-depth food and nutrition courses participated in the
workshops conducted during the second semester. A total of
1,000 secondary teachers attended the workshop sessions.

State staff members, university staff members, consumer
and homemaking teachers, and city supervisors planned the
workshop sessions. The project staff scheduled consultants,
prepared materials and teaching aids, scheduled workshop
sites, dates, and times, and contacted potential participants.
Purdue University's home economics education staff prepared
and conducted a project evaluation.

TITLE: REGION V EVALUATION WORKSHOP

PROJECT #: OEG-5-74-0141-F5003VL

AGENCY: State Board of
Vocational and Technical
Education
Mary Jenet Penrod, Project
Director

CONTACT: Mary Jenet Penrod
State Board of Vocational and
Technical Education
401 Illinois Bldg., 17 W. Market
Indianapolis, IN 46204
Phone: (317) 232-1826

DESCRIPTORS: evaluation methods, staff improvement, state
departments of education, vocational education

PROJECT OBJECTIVES:

1. Expose state staff personnel to several evaluation models.
2. Give participants an opportunity to clarify their views and opinions of evaluation.

PROJECT SUMMARY:

Two state staff members from each state in Region V participated in a two-day conference. They learned about and discussed several evaluation models. These activities enabled the participants to clarify their views on evaluation strategies and form opinions about the different strategies. The project director conducted cognitive attitudinal evaluations at the end of the conference.

TITLE: INSERVICE EDUCATION FOR VOCATIONAL EDUCATORS IN
SECONDARY AND POSTSECONDARY LOCAL EDUCATION AGENCIES

PROJECT #: G05-75-00042-IN-V-6

AGENCY: State Board of
Vocational and Technical
Education
Don K. Gentry, Project
Director

CONTACT: Mary Jenet Penrod
State Board of Vocational and
Technical Education
401 Illinois Bldg., 17 W. Market
Indianapolis, IN 46204
Phone: (317) 232-1826

DESCRIPTORS: educational programs, inservice teacher edu-
cation, program development, school districts, vocational
education teachers

PROJECT OBJECTIVES:

Advance the vocational professional development of
vocational education personnel in local education
agencies (LEAs).

PROJECT SUMMARY:

Administrators from the 36 area vocational programs, the
13 Indiana Vocational Technical College regions, and the
Career Division of Vincennes University chose two vocational
education staff members to participate in the project. The
inservice activities (1) prepared participants to implement
vocational programs in LEAs, (2) upgraded their technical,
professional, and/or subject matter knowledge of the world
of work, and (3) provided them an opportunity to meet an
individual need for vocational education improvement. The
activities were individualized so each participant's needs
were identified and met.

Each participant submitted a written assessment of the
inservice activities to the local vocational administrator
and the project director at the end of the project.

TITLE: INSERVICE EDUCATION OF STATE STAFF

PROJECT #: -G05-75-00042-IN-V-2.

AGENCY: State Board of
Vocational and Technical
Education
Don K. Gentry, Project
Director

CONTACT: Mary Jenet Penrod
State Board of Vocational and
Technical Education
401 Illinois Bldg., 17 W. Market
Indianapolis, IN 46204
Phone: (317) 232-1826

DESCRIPTORS: *communication skills, continuing education,
inservice education, management by objectives, staff
improvement, vocational education, workshops*

PROJECT OBJECTIVES:

1. Facilitate cooperation and understanding among state level vocational educators by increasing communication.
2. Improve the state staffs' administration of the *State Plan for Vocational Education*.
3. Facilitate the implementation of the management by objectives system, the newly developed rule V-1, and the reorganization plan mandated by recent legislation.

PROJECT SUMMARY:

The project planning committee organized three workshops. Staff members from the State Board of Vocational and Technical Education, the Division of Vocational Education, and the Commission for Higher Education participated in the workshops.

The workshops gave state staff members an opportunity to pursue the established objectives and develop individualized goals for continuing their professional development. Questionnaires were used to evaluate the workshops and the professional development activities.

TITLE: INSERVICE TRAINING FOR COUNSELOR EDUCATORS AND
COUNSELORS SERVED BY AREA VOCATIONAL PROGRAMS

PROJECT #: G05-75-00042-IN-V-4

AGENCY: State Board of
Vocational and Technical
Education
Allen Segrist, Project
Director

CONTACT: Allen Segrist
Purdue University
Dept. of Education
West Lafayette, IN 47907
Phone: (317) 749-2278

DESCRIPTORS: area vocational schools, counselor educators,
counselor training, inservice education, school industry
relationship, vocational counseling, workshops

PROJECT OBJECTIVES:

1. Inform counselor educators of the purposes and scope of vocational training programs in Indiana.
2. Design and implement a model inservice program to assist counselors in developing vocational guidance programs for their areas.

PROJECT SUMMARY:

This project offered inservice education to counselors and counselor educators. It gave the participants an opportunity to interact with one another and with representatives of business and industry. The counselors had the opportunity to work for two weeks in positions which use vocational graduates. Counselor educators learned about vocational education opportunities in public schools through hands-on experience.

The project developed a model program for the inservice education of counselors and counselor educators.

TITLE: ONE-WEEK OFFICE EDUCATION ASSOCIATION WORKSHOP

PROJECT #: G05-75-00042-IN-V-7

AGENCY: Indiana State Univ.
Ralph E. Mason, Project
Director

CONTACT: Ralph E. Mason
Indiana State University
School of Business
Terre Haute, IN 47809.
Phone: (812) 232-6311
ext. 2134

DESCRIPTORS: inservice education, inservice teacher education, office occupations education, workshops

PROJECT OBJECTIVES:

1. Create a better understanding of the activities of the Office Education Association.
2. Give participants the opportunity to meet successful association coordinators from other states.
3. Inform participants of association activities to be performed in the upcoming school year.

PROJECT SUMMARY:

The project sponsored a one-week simulation for secondary vocational business teachers with Office Education Association chapter advisor responsibilities. The simulation included chapter meetings, competitive events, and employee-employer activities.

Participants completed daily summary reports and an evaluation of the total project. A follow-up which measured the participants' attitudes about the value of the workshop was conducted one year after the project.

TITLE: TEACHER EDUCATION/STATE STAFF WORKSHOPS

PROJECT #: GO5-75-00042-IN-V-1

AGENCY: State Board of
Vocational and Technical
Education
Don K. Gentry, Project
Director

CONTACT: Mary Jenet Penrod
State Board of Vocational and
Technical Education
401 Illinois Bldg., 17 W. Market
Indianapolis, IN 46204
Phone: (317) 232-1826

DESCRIPTORS: *interagency coordination, interinstitutional cooperation, needs assessment, professional continuing education, teacher certificates, vocational education, workshops*

PROJECT OBJECTIVES:

1. Provide vocational teacher educators and state staffs an opportunity to develop better working relationships.
2. Develop inter- and intrainstitutional program area coordination.
3. Develop plans for vocational certification based on newly adopted state certification patterns.
4. Identify personnel training goals on the basis of a needs assessment.

PROJECT SUMMARY:

The project planning committee organized two workshops. One workshop was held in the fall, the other was held in the spring. All vocational teacher educators and staff members from the State Board of Vocational and Technical Education, the Division of Vocational Education, and the Commission for Higher Education were invited to participate.

The fall workshop offered group activities and opportunities for in-depth studies on issues of interest for the different groups represented. During the spring workshop, participants divided into task forces and established vocational goals. The vocational goals established by the task forces were discussed as part of the workshop.

TITLE: TRAINING OF VOCATIONAL EDUCATION CURRICULUM SPECIALISTS

PROJECT #: G05-75-00042-IN-V-3

AGENCY: State Board of
Vocational and Technical
Education
Ed Hornback, Project
Director

CONTACT: Ed Hornback
State Board of Vocational and
Technical Education
401 Illinois Bldg., 17 W. Market
Indianapolis, IN 46204
Phone: (317) 232-1823

DESCRIPTORS: curriculum development, educational planning,
inservice teacher education, vocational education

PROJECT OBJECTIVES:

1. Teach curriculum development strategies to state staff members
2. Develop a program which provides teachers with the skills, knowledge, and competencies needed to develop curriculum.

PROJECT SUMMARY:

The project held 36 three-hour meetings. One state staff member representing each program and service area attended the meetings. A university curriculum specialist worked with the meeting participants. Together they studied the processes of analyzing and developing vocational curriculum.

The project developed an inservice curriculum development model which will be used in the future by state curriculum specialists. The curriculum specialist and the participants evaluated the project on an ongoing, internal basis.

TITLE: TWO-WEEK DISTRIBUTIVE EDUCATION CLUBS OF AMERICA
CHAPTER SIMULATION WORKSHOP

PROJECT #: G05-75-00042-IN-V-8

AGENCY: Ball State Univ.
Adaline Jones Eastman,
Project Director

CONTACT: Adaline Jones Eastman
Ball State University
College of Business, PA 201
Muncie, IN 47306
Phone: (317) 285-5239

DESCRIPTORS: distributive education, distributive education
teachers, inservice education, leadership, simulation,
teacher educators, youth clubs

PROJECT OBJECTIVES:

1. Develop leadership potential and organizational skills.
2. Improve participants' abilities to integrate club activities into distributive education (DE) curriculum.

PROJECT SUMMARY:

The project organized a two-week simulation for secondary DE teachers with Distributive Education Clubs of America chapter advisor responsibilities. The simulation included chapter meetings, elections, initiation and installment ceremonies, programs on work and budget development, competitive events, a recognition and awards program, and the development of a written research manual. A workshop digest was compiled and mailed to participants and other DE personnel.

The workshop was evaluated daily. A follow-up was conducted by Division of Vocational Education consultants one year after the project ended.

TITLE: WORKSHOP FOR TEACHERS WITH SPECIAL NEEDS STUDENTS

PROJECT #: G05-75-00042-IN-V-9

AGENCY: Dept. of Public
Instruction, Div. of
Vocational Education
Roger W. Newnum, Project
Director

CONTACT: Roger W. Newnum
State Board of Vocational and
Technical Education
401 Illinois Bldg., 17 W. Market
Indianapolis, IN 46204
Phone: (317) 232-1810

DESCRIPTORS: consultants, inservice education, professional continuing education, vocational directors, vocational education, vocational education teachers, special education, workshops

PROJECT OBJECTIVES:

1. Make participants aware of the importance of vocational education in the total education of special needs students.
2. Inform participants of the advantages of mainstreaming special need students into vocational programs.
3. Create understanding of the procedures for implementing the new guidelines for special needs programs.

PROJECT SUMMARY:

State consultants, teachers, and administrators planned three workshops. The workshops were held in northern, central, and southern Indiana. The participants included vocational teachers who had special needs students in their classes and teachers and administrators who were affected by the new guidelines for special needs programs.

The workshops included large- and small-group sessions. This structure enabled participants to interact with one another.

During the group activities, participants learned about the new guidelines and identified the skills needed to enable special needs students to benefit from vocational training. Each participant completed a workshop evaluation.

TITLE: ADMINISTRATIVE COMPONENT, STATE BOARD OF VOCATIONAL AND TECHNICAL EDUCATION

PROJECT #: G05-76-00080-IN-V-A

AGENCY: State Board of Vocational and Technical Education
Don K. Gentry, Project Director

CONTACT: Mary Jenet Penrod
State Board of Vocational and Technical Education
401 Illinois Bldg., 17 W. Market
Indianapolis, IN 46402
Phone: (317) 232-1826

DESCRIPTORS: federal legislation, inservice teacher education, professional continuing education, vocational education

PROJECT OBJECTIVES:

1. Perform an audit of the EPDA Plan of Action, Cooperative Arrangements for fiscal year 1977.
2. Provide funds for attending inservice activities on personnel training planning and implementation.

PROJECT SUMMARY:

The State Board of Vocational and Technical Education received approval to have the audit performed as a part of the regularly scheduled U.S. Office of Education audit. The audit enabled the state to comply with federal regulations.

The State Coordinator for Supportive Services and Program Improvement, who administered personnel training programs, attended two two-day training sessions at the Region V offices in Chicago. By learning from the inservice activities and talking with other EPDA coordinators, the Indiana personnel training coordinator improved the planning and implementation of the state's personnel training program.

TITLE: A DEVELOPMENTAL TRAINING PROGRAM FOR UPGRADING CURRICULUM SKILLS/KNOWLEDGES OF VOCATIONAL EDUCATION TEACHER-EDUCATORS

PROJECT #: G05-76-00080-IN-V-F

AGENCY: Indiana Univ.,
Thomas R. White, Project
Director

CONTACT: Robert C. Harris
Indiana University
School of Education, Rm. 216
Bloomington, IN 47405
Phone: (812) 337-8104

DESCRIPTORS: curriculum development, inservice teacher education, preservice teacher education, special education, teacher educators, vocational education

PROJECT OBJECTIVES:

1. Inform participants of curriculum-related activities being conducted in the state.
2. Teach participants to train preservice and inservice teachers in current curriculum practices.
3. Help teachers locate, modify, implement curriculum for special populations.
4. Develop plans for implementing a statewide instructional systems approach to curriculum development and implementation.

PROJECT SUMMARY:

The project activities were held at one-month intervals in Indianapolis and at selected in-state and out-of-state sites where curriculum development activities were being performed. Teacher educators and state level vocational staff participated in the training activities.

The project activities were divided into two phases. Phase one involved activities pertaining to objectives one, two, and three. Phase two involved activities pertaining to objective four. A project consultant from the Instructional Systems Technology Division of Indiana University conducted phase two of the project.

TITLE: MANAGEMENT AND LEADERSHIP TRAINING PROGRAM FOR
VOCATIONAL ADMINISTRATIVE PERSONNEL

PROJECT #: G05-76-00080-IN-V-D

AGENCY: Ball State Univ.,
Indiana State Univ., Indi-
ana Univ., Purdue Univ.
Robert C. Harris, Project
Director

CONTACT: Robert C. Harris
Indiana University
School of Education, Rm. 216
Bloomington, IN 47405
Phone: (812) 337-8104

DESCRIPTORS: administrator education, educational programs,
inservice education, interagency cooperation, professional
continuing education, program evaluation, program planning,
supervision, vocational education

PROJECT OBJECTIVES:

1. Examine the concepts of leadership in relation to the administration and supervision of vocational education programs.
2. Increase understanding of the interdisciplinary concepts of vocational education.
3. Develop methods for planning, conducting, and evaluating vocational education programs.
4. Establish communication lines among participants.

PROJECT SUMMARY:

The consortium of the four state universities developed a series of intensive workshop sessions which addressed the issues identified in the project objectives. The three phases of the project, synergistic studies, micro studies, and travel studies, were handled concurrently.

The project involved administrative personnel from secondary schools, postsecondary institutions, the Division of Vocational Education, and the State Board of Vocational and Technical Education. The project advisory committee conducted a process evaluation. An outside evaluator conducted a summative evaluation.

TITLE: PROFESSIONAL DEVELOPMENT NEEDS ASSESSMENT MODEL

PROJECT #: G05-76-00080-IN-V-H

AGENCY: Indiana State Univ.
James F. Nickell, Project Director

CONTACT: James F. Nickell
Indiana State University
Vocational-Technical Services Ctr., TAW 200
Terre Haute, IN 47809
Phone: (812) 232-6311
ext. 2811/2812

DESCRIPTORS: inservice education, models, needs assessment, professional continuing education, vocational education

PROJECT OBJECTIVES:

Develop a needs assessment model which measures inservice educational needs as perceived by vocational teachers, supervisors, and administrators.

PROJECT SUMMARY:

Teacher educators from each of the four state universities developed the model. An advisory committee representative of the state's vocational interests by level and area monitored the project activities, gave input to the developers, and conducted a process evaluation.

TITLE: STATE OFFICE INTERN

PROJECT #: G05-76-00080-IN-V-E

AGENCY: State Board of
Vocational and Technical
Education
Don K. Gentry, Project
Director

CONTACT: Mary Jenet Penrod
State Board of Vocational and
Technical Education
401 Illinois Bldg., 17 W. Market
Indianapolis, IN 46204
Phone: (317) 232-1826

DESCRIPTORS: administrator education, internship programs,
preservice education, projects, state officials, vocational
education

PROJECT OBJECTIVES:

Provide two vocational education graduate students
an opportunity to work as interns at the State Board
of Vocational and Technical Education (SBVTE).

PROJECT SUMMARY:

Two vocational education graduate students were selected
to serve as interns. The students, their university coordi-
nators, and the SBVTE staff member assigned to the project
planned the internships. During the training period the
interns (1) learned about state level vocational adminis-
tration, (2) developed special projects, (3) attended work-
shops and seminars, and (4) visited local schools.

The interns periodically evaluated their progress, and
they wrote summaries of their activities at the end of the
training period. The university coordinators and the SBVTE
staff member assigned to the project evaluated the interns'
progress at regular intervals and at the end of the project.

TITLE: STATE VOCATIONAL STAFF INSERVICE EDUCATION

PROJECT #: G05-76-00080-IN-V-B

AGENCY: Indiana Univ.
Donald Kinzy, Project
Director

CONTACT: Mary Jenet Penrod
State Board of Vocational and
Technical Education
401 Illinois Bldg., 17 W. Market
Indianapolis, IN 46204
Phone: (317) 232-1826

DESCRIPTORS: inservice education, interagency cooperation,
staff improvement, state departments of education, vocational
education

PROJECT OBJECTIVES:

1. Facilitate understanding and cooperation among state level vocational educators by increasing communication.
2. Improve the state staffs' administration of the State Plan for Vocational Education.
3. Facilitate the reorganization of vocational education at the state level as required by Public Law 227.

PROJECT SUMMARY:

The project director and a group of state staff members planned and organized three workshops.

A total of 37 state staff members from the Division of Vocational Education, the State Board of Vocational and Technical Education, and the Commission for Higher Education participated in the workshops. The workshops facilitated communication by developing communication skills and allowing the staffs to interact with one another. They also helped the staffs by increasing their understanding of the state's contract with the Vocational-Technical Education Consortium of States (V-TECS).

The project director and the participants evaluated the workshops.

TITLE: TEACHER EDUCATION/STATE STAFF WORKSHOPS

PROJECT #: G05-76-00080-IN-V-C

AGENCY: Indiana Univ.
Donald Kinzy, Project
Director

CONTACT: Mary Jenet Penrod
State Board of Vocational and
Technical Education
401 Illinois Bldg., 17 W. Market
Indianapolis, IN 46204
Phone: (317) 232-1826

DESCRIPTORS: curriculum development, inservice teacher education, instructional materials, interinstitutional cooperation, staff improvement, vocational education teachers

PROJECT OBJECTIVES:

1. Coordinate program areas within and among institutions.
2. Develop vocational teacher education programs.
3. Increase knowledge and understanding of Vocational-Technical Education Consortium of States (V-TECS).

PROJECT SUMMARY:

The project planning committee organized and planned two workshops. All vocational teacher educators and state level vocational staff attended the workshops. During the workshops, the participants discussed program area coordination and vocational teacher education program development. They studied the V-TECS system as a basis for planning, developing, and implementing curriculum.

The planning committee administered tests which evaluated the participants' knowledge of and attitudes about the workshop topics both before and after the workshops. The committee also performed a process evaluation during the workshops and a final review at the end of the project.

TITLE: UPDATING/DEVELOPING SKILLS OF SPECIALIZED SUPERVISORY
AND ADMINISTRATIVE VOCATIONAL PERSONNEL

PROJECT #: G05-76-00080-IN-V-G

AGENCY: Ball State Univ., Indiana State Univ., Indi- ana Univ., Purdue Univ. Audrey Finn, Project Director	CONTACT: Audrey Finn Ball State University Dept. of Home Economics, PA169 Muncie, IN 47306 Phone: (317) 285-1035
--	---

DESCRIPTORS: *administrators, inservice education, profes-
sional continuing education, supervisors, vocational education*

PROJECT OBJECTIVES:

1. Develop participants' skills in and increase their knowledge of curriculum development, fiscal management, personnel, and/or placement and follow-up.
2. Make participants aware of the many types of resources available to them.

PROJECT SUMMARY:

Each university developed a series of three workshops on one of the four project topics: curriculum development, fiscal management, personnel, and placement and follow-up. The university teams conducted workshops in each of the four inservice regions of the state.

Local administrators selected the workshop participants. They chose secondary and postsecondary administrative and supervisory personnel who would benefit from attending the workshop series. Approximately 220 administrators and supervisors participated in the workshops.

The workshops were evaluated on the basis of the results of tests administered to participants before and after the workshop series. Local administrators also evaluated the inservice programs.

TITLE: WORKSHOP TO DISSEMINATE A STAFF DEVELOPMENT MODEL FOR COUNSELOR EDUCATORS SERVED BY AREA VOCATIONAL PROGRAMS

PROJECT #: G05-76-00080-IN-V-I

AGENCY: Dept. of Public Instruction, Div. of Vocational Education
Kim Powers, Project Director

CONTACT: Esteline Bradley
State Board of Vocational and Technical Education
401 Illinois Bldg., 17 W. Market
Indianapolis, IN 46204
Phone: (317) 232-1834

DESCRIPTORS: area vocational schools, counselor educators, counselor training, information dissemination, inservice education, models, workshops

PROJECT OBJECTIVES:

1. Promote awareness and understanding of the vocational training opportunities available in Indiana.
2. Improve working relationships between counselor educators and area vocational counselors.
3. Develop plans for changing the traditional approaches to counselor education.

PROJECT SUMMARY:

The project held three workshops for area school counseling staffs and counselor educators. The personnel who developed a model program for the inservice education of counselors and counselor educators under EPDA project G05-75-00042-IN-V-4 designed the workshop content and approach. Workshop participants were involved in large and small group activities. During the final workshop session participants from the local level developed tentative plans for improving their guidance programs, and counselor educators developed plans for changing counselor preparation programs.

Each participant completed an evaluation which measured the value s/he placed on the workshop experience.

TITLE: ADMINISTRATIVE COMPONENT, STATE BOARD OF VOCATIONAL AND TECHNICAL EDUCATION

PROJECT #: GO5-77-00146-IN-V-701

AGENCY: State Board of Vocational and Technical Education
Don K. Gentry, Project Director

CONTACT: Mary Jenet Penrod
State Board of Vocational and Technical Education
401 Illinois Bldg., 17 W. Market
Indianapolis, IN 46204
Phone: (317) 232-1826

DESCRIPTORS: coordination, planning, professional continuing education, statewide planning

PROJECT OBJECTIVES:

1. Contract for an audit of the personnel training state plan.
2. Provide funds for attending inservice activities on personnel planning and coordinating.

PROJECT SUMMARY:

The State Board of Vocational and Technical Education received approval to have the audit performed as a part of the regularly scheduled U.S. Office of Education audit.

The State Coordinator for Supportive Services and Program Improvement, who administers personnel training programs, attended two two-day training sessions at the Region V offices in Chicago. The sessions taught participants how to plan and coordinate personnel training activities.

TITLE: APPLIED SYNERGISM IN DEVELOPING VOCATIONAL LEADERSHIP
AND ADMINISTRATION TECHNIQUES

PROJECT #: G05-77-00146-IN-V-705

AGENCY: New Albany-Floyd
County School Corp.
Charles E. Fields, Project
Director

CONTACT: Charles E. Fields.
New Albany-Floyd County School
Corp.
802 E. Market St.
New Albany, IN 47150
Phone: (812) 945-6681

DESCRIPTORS: educational administration, leadership,
management education, organizational effectiveness, vocational
education

PROJECT OBJECTIVES:

1. Make vocational education more effective by improving leadership and management strategies.
2. Enhance the perception of vocational education by improving management strategies.
3. Study and evaluate the affect of local, state, and national priorities on management strategies.

PROJECT SUMMARY:

The training program comprised four two-to-three day retreat workshops at places away from the participants routine work sites. Sixteen administrators from secondary, postsecondary, and state institutions and agencies, who had participated in previously offered leadership and management meetings, attended the workshops.

The training workshops were conducted in three phases: (1) orientation, (2) synergism in action, and (3) results, evaluation, and continuation. By using the synergistic approach, the project made it possible for participants to share and reinforce leadership and management competencies.

TITLE: DEVELOPMENTAL STRATEGIES AND EVALUATION TECHNIQUES
FOR IMPROVING COST-EFFECTIVENESS OF VOCATIONAL
PROGRAMS

PROJECT #: G05-77-00146-IN-V-713 (National)

AGENCY: Indiana Univ.
Jin Eun Kim, Project
Director

CONTACT: Jin Eun Kim
Indiana University
School of Education, Rm. 216
Bloomington, IN 47405
Phone: (812) 337-2513

DESCRIPTORS: cost effectiveness, educational programs,
inservice education, models, vocational education, workshops

6

PROJECT OBJECTIVES:

1. Increase participants' understanding of the cost-effectiveness concept as a developmental strategy and an analytical technique for program improvement.
2. Develop and diffuse strategies and techniques for improving the cost-effectiveness of vocational programs.

PROJECT SUMMARY:

The project staff selected ten states with promising cost-effectiveness programs and commitment to conducting state-level meetings. Each state sent three representatives to the workshops. Six professionals presented papers and consulted with the workshop participants. The participants (1) developed strategies for improving the cost-effectiveness of vocational programs, (2) developed vocational program objectives, (3) assessed program output indicators, (4) determined direct and indirect program costs, and (5) computed program effectiveness, cost efficiency, and management performance.

The project director produced four products after the workshop: (1) a cost-effectiveness state of the art paper, (2) a handbook for improving the cost-effectiveness of vocational programs, (3) a case report on statewide cost-effectiveness practices, and (4) a conference report.

TITLE: IMPLEMENTING AN AWARENESS OF PERFORMANCE BASED VOCATIONAL EDUCATION TO FIRST LINE VOCATIONAL ADMINISTRATORS, VOCATIONAL CURRICULUM SPECIALISTS, AND VOCATIONAL GUIDANCE COUNSELORS

PROJECT #: G05-77-00146-IN-V-711

AGENCY: Indiana Univ./Purdue Univ. at Indianapolis Edgar Fleenor, Project Director	CONTACT: Edgar Fleenor Indiana University/Purdue University at Indianapolis 799 W. Michigan St., ET 1107H Indianapolis, IN 46202 Phone: (317) 264-8703
--	---

DESCRIPTORS: counselors, curriculum development, inservice education, performance based education, vocational directors, vocational education

PROJECT OBJECTIVES:

Prepare program administrators, curriculum specialists, and vocational counselors to perform their individual roles when implementing performance based vocational education (PBVE).

PROJECT SUMMARY:

One workshop was held in each of 13 regions during the period, August 1977 to August 1978. The workshop advisory committee and the presenter developed a format for the workshops.

The workshops involved the 300 participants in a practical activity related to implementing PBVE programs. They also identified the roles of program administrators, curriculum specialists, and vocational counselors in phasing-out conventional vocational program structures and implementing PBVE. The effectiveness of the workshops was evaluated on the basis of the results of tests conducted before and after the workshops.

TITLE: INSERVICE FOR COUNSELORS REGARDING EMERGING TECHNIQUES
IN THE PRODUCTION AND TRANSPORTATION OF OUR ENERGY
RESOURCES AND PERSONNEL NEEDS IN INDUSTRY

PROJECT #: G05-77-00146-IN-V-712

AGENCY: Indiana Vocational
Technical College-Terre Haute
Richard L. Davidson, Project
Director

CONTACT: Richard L. Davidson
Indiana Vocational Technical
College
R.R. #22, Box 760
Terre Haute, IN 47802
Phone: (812) 299-1121

DESCRIPTORS: counselors, energy, inservice education, post-
secondary education, vocational directors, vocational edu-
cation, workshops

PROJECT OBJECTIVES:

Create awareness of the energy industry and of the
lifestyles of those employed in the mining industry.

PROJECT SUMMARY:

Postsecondary administrators and selected secondary
counselors from southwestern Indiana and representatives from
state agencies participated in a five-day workshop. The work-
shop gave the participants an overview of the energy industry
and broadened their understanding of the educational oppor-
tunities available in the energy field. The program included
on-site visits to mining operations which helped make the
participants aware of the lifestyles of those employed in the
industry.

Pre- and posttests on attitudes and knowledge were used
to evaluate the program. A follow-up which tried to deter-
mine if participants used the information gained was con-
ducted.

TITLE: A PERSONNEL EDUCATION PROGRAM FOR PROFESSIONAL
DEVELOPMENT COORDINATORS

PROJECT #: G05-77-00146-IN-V-706

AGENCY: Ball State Univ.,
Indiana State Univ., Indi-
ana Univ., Purdue Univ.
Marilyn Steward, Project
Director

CONTACT: Marilyn Steward
Indiana State University
Vocational-Technical Services
Ctr., TAW 200
Terre Haute, IN 47809
Phone: (812) 232-6311
ext. 2811/2812

DESCRIPTORS: coordinators, inservice teacher education,
professional continuing education, staff improvement, voca-
tional education

PROJECT OBJECTIVES:

Train local personnel to plan and implement staff
development programs for individual teachers and other
local school personnel.

PROJECT SUMMARY:

Professionals from each of the four universities in-
volved in the program designed and organized a series of
five workshops. Fifty-seven eligible recipients from area
vocational programs, postsecondary institutions, and the
Department of Correction were chosen to participate in the
workshops.

The workshops used the data and model generated in
another EPDA project to develop materials for implementing
staff development programs. State and local advisory commit-
tees evaluated the participants' progress, the implementation
plans, and the materials developed. Copies of the model, the
plans, and the materials were produced for use by local
education institutions.

TITLE: SEMINAR ON WHEELS TO OBSERVE NEW AND SUCCESSFUL
VOCATIONAL AGRICULTURE PROGRAMS IN PRACTICE

PROJECT #: G05-77-00146-IN-V-708

AGENCY: Purdue Univ.
William B. Richardson,
Project Director

CONTACT: William B. Richardson
Purdue University
Vocational Teacher Training, SCC-G
West Lafayette, IN 47907
Phone: (317) 749-2093

DESCRIPTORS: school visitation, teacher seminars, vocational
agriculture teachers

PROJECT OBJECTIVES:

1. Visit and observe outstanding vocational agriculture programs.
2. Evaluate each program visited and identify components which could be adapted for use in individual Indiana programs.

PROJECT SUMMARY:

Fifteen vocational agriculture teachers from the secondary and postsecondary levels participated in the program. The group traveled for five days visiting outstanding agriculture programs in Indiana, Michigan, and Ohio. They observed secondary schools which had special programs and facilities and agriculture programs which emphasized technical developments.

The participants evaluated each program observed. The project director studied the evaluations and identified components which could be adapted for use in or adopted by individual vocational agriculture programs in Indiana.

TITLE: STATE OFFICE INTERN

PROJECT #: G05-77-00146-IN-V-704

AGENCY: State Board of
Vocational and Technical
Education
Don E. Gentry, Project
Director

CONTACT: Mary Jenet Penrod
State Board of Vocational and
Technical Education
401 Illinois Bldg., 17 W. Market
Indianapolis, IN 46204
Phone: (317) 232-1826

DESCRIPTORS: educational administration, internships, pre-
service education, projects, vocational education

PROJECT OBJECTIVES:

Provide two vocational education graduate students an opportunity to work as interns at the State Board of Vocational and Technical Education.

PROJECT SUMMARY:

Two upper-level graduate students in vocational education fields were selected, and sub-contracts were signed with the universities where the interns were studying. During the one semester training schedule the interns (1) helped develop special projects, (2) learned state administrative functions, (3) attended workshops and seminars, and (4) coordinated their internships with university studies. The general areas of assignment for each intern were determined by the State Director of Vocational Education, the Deputy Director, the State Coordinator for Personnel Training, the intern's university advisor, and the intern him/herself.

The interns periodically evaluated their work experiences and indicated what additional things they would like to learn, and the interns' supervisors maintained evaluation records. At the end of the semester each intern wrote an evaluation which summarized his/her experiences.

TITLE: STATE VOCATIONAL EDUCATION STAFF WORKSHOPS

PROJECT #: GO5-77-00146-IN-V-703

AGENCY: Indiana Univ.
Thomas R. White, Project
Director

CONTACT: Mary Jenet Penrod
State Board of Vocational and
Technical Education
401 Illinois Bldg., 17 W. Market
Indianapolis, IN 46204
Phone: (317) 232-1826

DESCRIPTORS: interagency cooperation, organizational communication, performance based education, professional continuing education, staff improvement, workshops

PROJECT OBJECTIVES:

Provide state vocational education staffs an opportunity to generate and exchange ideas regarding a unified, interdisciplinary approach to vocational education in Indiana.

PROJECT SUMMARY:

The project directors, the state coordinator in charge of personnel training, and a planning group organized three workshops. The planning group developed programs and contacted consultants to help with planning.

Thirty-five members of the state staffs from the Division of Vocational Education, the State Board of Vocational and Technical Education, and the Commission for Higher Education participated in the workshops. During the workshops, participants, discussed new and emerging occupations, performance based vocational education, and statewide communication.

The project directors and the planning group continuously evaluated the workshops.

TITLE: TEACHER EDUCATOR/STATE STAFF WORKSHOP

PROJECT #: G05-77-00146-IN-V-702

AGENCY: Indiana Univ.
Thomas R. White, Project
Director

CONTACT: Mary Jenet Penrod
State Board of Vocational and
Technical Education
401 Illinois Bldg., 17 W. Market
Indianapolis, IN 46204
Phone: (317) 232-1826

DESCRIPTORS: disadvantaged youth, handicapped students,
interagency cooperation, needs assessment, performance based
education, performance based teacher education, teacher edu-
cators, vocational education

PROJECT OBJECTIVES:

1. Provide vocational teacher educators and state staffs an opportunity to develop better working relationships.
2. Continue to implement performance based vocational education programs.
3. Examine new and emerging occupations and study the needs of special students.

PROJECT SUMMARY:

A planning committee composed of vocational teacher educators and state staff members organized two three-day workshops. They secured necessary resources, located facilities, and developed pre- and post-workshop evaluation instruments to measure participants' attitudes and knowledge. All vocational teacher educators, state vocational staffs, state interns, and EPDA awardees were invited to participate in the workshops.

During the workshops the 100 participants became better acquainted with one another, discussed the implementation of PBVE, and studied new horizons in vocational education. After the workshops, each participant completed a final evaluation.

TITLE: UPGRADING/DEVELOPING SKILLS OF SECONDARY AND POST-SECONDARY OCCUPATIONAL FOOD SERVICE TEACHERS

PROJECT #: G05-77-00146-IN-V-710

AGENCY: Ball State Univ.
B. Jeanette Miller, Project
Director

CONTACT: B. Jeanette Miller
Ball State University
Dept. of Home Economics, PA150
Muncie, IN 47306
Phone: (317) 285-1044

DESCRIPTORS: food service occupations, inservice teacher education, postsecondary education, secondary education, vocational education teachers, workshops

PROJECT OBJECTIVES:

Upgrade and develop knowledge and skills of teachers of occupational food service programs.

PROJECT SUMMARY:

Approximately 30 teachers of occupational food services programs at the secondary and postsecondary levels attended a five-day workshop sponsored by the National Restaurant Association.

The workshop gave the teachers an opportunity to interact with food service industry personnel and to increase their understanding of the needs of food service establishments. It also enabled them to identify current media, obtain materials and information, and seek personal assistance.

After the workshops, project participants attended three follow-up seminars at Ball State University. During the seminars the teachers shared ideas, discussed problems, and developed operational techniques and curriculum plans.

TITLE: VOCATIONAL EDUCATION PERSONNEL DEVELOPMENT FOR
COOPERATIVELY PLANNING LOCAL PROGRAMS FOR DISAD-
VANTAGED AND HANDICAPPED LEARNERS

PROJECT #: G05-77-00146-IN-V-707

AGENCY: Purdue Univ.
Lucille Frick and Betty
Sawyers, Project Directors

CONTACT: Lucille Frick
Purdue University
Home Economics Education, SCC-F
West Lafayette, IN 47907
Phone: (317) 494-8680

DESCRIPTORS: curriculum development, disadvantaged youth,
federal legislation, handicapped students, inservice teacher
education, vocational education, workshops

PROJECT OBJECTIVES:

Develop plans for beginning, operating, and implementing
vocational education programs for special needs students.

PROJECT SUMMARY:

The training program comprised two workshops and two
television interaction/assistance follow-up activities.
Twenty-five teams from secondary schools and postsecondary
institutions participated in the program. Each secondary
school team included an upper-level administrator, the area
vocational director, the vocational counselor, and the
special education coordinator. The postsecondary teams
included each institutions' director of instruction, CETA
coordinators, and occupational coordinators.

During the workshops the participants (1) examined cur-
rent legislation concerning special needs students, (2) de-
termined their commitment to training special needs students
in vocational programs, and (3) developed ways to plan,
operate, and evaluate local vocational education and special
education programs.

Television follow-up activities were used to report
progress, share resource information, and assist with plan
development. A review panel evaluated the special education
program plans and curricula designed by the participants.

TITLE: VOCATIONAL INSERVICE WORKSHOP FOR SECONDARY PRINCIPALS AND COUNSELORS

PROJECT #: G05-77-00146-IN-V-709

AGENCY: Muncie Area
Career Ctr.
Anthony Wesolowski, Project
Director

CONTACT: Anthony Wesolowski
Muncie Area Career Ctr.
2500 N. Elgin
Muncie, IN 47303
Phone: (317) 747-5257

DESCRIPTORS: career choice, decision making, inservice education, secondary school counselors, vocational directors, workshops

PROJECT OBJECTIVES:

Create awareness of vocational education programs among secondary school principals and counselors so they will be better prepared to help students make occupational decisions.

PROJECT SUMMARY:

The project held workshops in the summer of 1978 for principals and counselors from 27 secondary school corporations in northeastern Indiana. The workshop activities included (1) visits to exemplary vocational programs, (2) exposure to vocational education philosophy and concepts, and (3) introductions to resource materials and guidance information.

The participants' understanding of vocational education was assessed before and after the workshops. The project was evaluated on the basis of the differences between the pre- and post-workshop assessments. A follow-up observation was conducted to determine to what extent the workshops benefited the participants.

INDEXES

AGENCY INDEX

AGENCY INDEX

Agency

- Ball State University 10, 12, 17, 20, 26,
47, 51, 54, 63, 67, 72, 79, 84
- Department of Public Instruction, Division
of Vocational Education 55, 64, 73
- East Chicago City Schools 29
- El-Tip-Wa Area Vocational School 32
- Indiana State University 10, 12, 26, 35, 40,
42, 47, 51, 53, 54, 60, 67, 68, 72, 79
- Indiana University 10, 12, 18, 19, 22, 25,
26, 28, 36, 47, 51, 52, 54, 66, 67, 70, 71,
72, 76, 79, 82, 83
- Indiana University/Purdue University at
Indianapolis 30, 41, 77
- Indiana Vocational Technical College-
Headquarters 8
- Indiana Vocational Technical College-
Kokomo 32
- Indiana Vocational Technical College-
Terre Haute 78
- Muncie Area Career Center 86
- New Albany-Floyd County School Corporation
34, 75
- New Castle Community School Corporation
21, 27
- Purdue University 10, 12, 13, 24, 31, 33, 37,
38, 39, 43, 47, 51, 54, 67, 72, 79, 80, 85
- St. Joseph Calumet College 9
- South Central Area Vocational School 23
- State Board of Vocational and Technical
Education 47, 56, 57, 58, 59, 61, 62, 65,
69, 74, 81
- Vincennes University 7

PROJECT NUMBER INDEX

PROJECT NUMBER INDEX

SBVTE Project Number

28-74-C-30	22	62-78-V	38
28-74-C-31	20	87-78-III-35	32
30-75-C	24	107-77-III-3	29
31-75-C	25	107-78-V	39
32-75-C	23	109-78-III-5	40
40-74-D-5	21	111-78-III-5	35
40-75-C	26	112-78-III-5	31
44-73-C	19	115-78-II-D	42
45-73-C-31	17	116-78-II-D	43
45-78-III-45	34	219-78-V (XP)	36
46-73-C	18	224-78-III-3	33
51-75-D	27	270-78-III-35	41
53-77-III-15	30	292-78-III-5	37
54-75-D	28		

EPDA Project Number

G00-75-02143	47	G05-76-00080-IN-V-I . . .	73
G00-76-03482	47	G05-77-00146-IN-V-701 . .	74
G00-77-01134	47	G05-77-00146-IN-V-702 . .	83
G05-75-00042-IN-V-1 . . .	61	G05-77-00146-IN-V-703 . .	82
G05-75-00042-IN-V-2 . . .	58	G05-77-00146-IN-V-704 . .	81
G05-75-00042-IN-V-3 . . .	62	G05-77-00146-IN-V-705 . .	75
G05-75-00042-IN-V-4 . . .	59	G05-77-00146-IN-V-706 . .	79
G05-75-00042-IN-V-6 . . .	57	G05-77-00146-IN-V-707 . .	85
G05-75-00042-IN-V-7 . . .	60	G05-77-00146-IN-V-708 . .	80
G05-75-00042-IN-V-8 . . .	63	G05-77-00146-IN-V-709 . .	86
G05-75-00042-IN-V-9 . . .	64	G05-77-00146-IN-V-710 . .	84
G05-76-00080-IN-V-A . . .	65	G05-77-00146-IN-V-711 . .	77
G05-76-00080-IN-V-B . . .	70	G05-77-00146-IN-V-712 . .	78
G05-76-00080-IN-V-C . . .	71	G05-77-00146-IN-V-713	
G05-76-00080-IN-V-D . . .	67	(National)	76
G05-76-00080-IN-V-E . . .	69	OEG-O-70-1971-002521 . 51, 53	
G05-76-00080-IN-V-F . . .	66	OEG-O-70-1971(725) . . .	52
G05-76-00080-IN-V-G . . .	72	OEG-5-74-0141-F5003VL 54,55,56	
G05-76-00080-IN-V-H . . .	68		

PROJECT TITLE INDEX

PROJECT TITLE INDEX

Project Title

- Administrative Component, State Board of Vocational and Technical Education 65, 74
- Agricultural Education Summer Apprentice Program, 1978 31
- Applied Synergism in Developing Vocational Leadership and Administration Techniques 75
- Career Education Program Helping All in Counseling 17, 20
- Consortia of El-Tip-Wa, Indiana Vocational Technical College-Kokomo, and the Industrial Community, A 32
- Coordinated Effort for Delivering Vocational Special Needs Personnel Development 33
- Development and Implementation of a Student Personnel Services Demonstration Model 34
- Development and Implementation of an Inservice Training Program for Curriculum Development in an Area Vocational School 23
- Development of a Cadre of Performance Based Vocational Education Curriculum Specialists/Writers 35
- Development of a Generalizable Evaluation Model for Vocational Teacher Education Program in Indiana 24, 25
- Developmental Strategies and Evaluation Techniques for Improving Cost-Effectiveness of Vocational Programs 76
- Developmental Training Program for Upgrading Curriculum Skills/Knowledges of Vocational Education Teacher Educators, A 66
- Distributive Education Teacher Education Consortium for Personal Contact Inservice Follow-up of First and Second Year Distributive Education Teacher-Coordination and Preparatory Distributive Education Teachers 26
- Education Professions Development Act, Part F, Section 552, Leadership Awards 47
- Human Resources Development Subsystem for Performance Based Vocational Education, A 41
- Implementing an Awareness of Performance Based Vocational Education to First Line Vocational Administrators, Vocational Curriculum Specialists, and Vocational Guidance Counselors 77
- Indiana Leadership Development Project 54
- Indiana Leadership Development Project for Vocational Administrative Personnel 51
- Inservice Education for Faculty Career Division 7
- Inservice Education for Vocational Educators in Secondary and Postsecondary Local Education Agencies 57

PROJECT TITLE INDEX

Project Title

- Inservice Education-Indiana Vocational Technical College 8
- Inservice Education of State Staff 58
- Inservice Education to Implement Curricular Revisions in Consumer and Homemaking Foundations and Food and Nutrition 55
- Inservice for Counselors Regarding Emerging Techniques in the Production and Transportation of our Energy Resources and Personnel Needs in Industry 78
- Inservice Program for Consumer and Homemaking Teachers 36
- Inservice Program for Counselor Renewal and Guidance Program Development 37
- Inservice Teacher Education Program in Effective Career Decision Making, An 9
- Inservice Training for Counselor Educators and Counselors Served by Area Vocational Programs 59
- Inservice Training for State of Indiana Division of Vocational Education Personnel 52
- Inservice Workshops: Teaching Special Needs Learners in Vocational Home Economics 38
- Interdisciplinary Professional Leadership Development: A Sixth-Year Program for Vocational Directors/Supervisors 53
- Management and Leadership Training Program for Vocational Administrative Personnel 67
- Needs Assessment to Measure the Instructional Needs of School-Age Parents in Indiana School-Based Programs, A 39
- One-Week Office Education Association Workshop 60
- PBVE for De La Garza Career Center in Area Vocational School--District #1 29
- Personnel Education Program for Professional Development Coordinators, A 79
- Plan for the Research, Development, and Implementation of a Comprehensive Health Occupations Education Program, A 21, 27
- Professional Development Agreements--Teacher Education Contracts: Noncredit Offerings such as Conditional Certification and Services to Local Vocational Institutions 10
- Professional Development Agreements--Teacher Education Contracts: Undergraduate and Graduate Component for University Credit Courses which Require Tuition Payment 12
- Professional Development Needs Assessment Model 68
- Region V Evaluation Workshop 56
- Seminar on Wheels to Observe New and Successful Vocational Agriculture Programs in Practice 80
- State Office Intern 69, 81
- State Vocational Education Staff Workshops 82

PROJECT TITLE INDEX

- State Vocational Staff Inservice Education 70
- Status of Vocational Programs for Indiana Special Needs Population 40
- Summer Internship Program (or Working with Disadvantaged Students 42, 43
- System to Integrate and Increase Efforts of Universities' Counselor Educators and Vocational Educators to Develop a Stronger Counselor Training Program, A 28
- System to Integrate Efforts of Universities' Counselor Educators and Vocational Educators to Develop a Stronger Counselor Training Program, A 18, 22
- Teacher Education/State Staff Workshops 61, 71
- Teacher Educator/State Staff Workshop 83
- Training of Vocational Education Curriculum Specialists 62
- Two-Week Distributive Education Clubs of America Chapter Simulation Workshop 63
- Updating/Developing Skills of Specialized Supervisory and Administrative Vocational Personnel 72
- Upgrading/Developing Skills of Secondary and Postsecondary Occupational Food Service Teachers 84
- Vocational Agriculture Intern Program 13
- Vocational Education for the Disadvantaged and Handicapped in Indiana 19
- Vocational Education Personnel Development for Cooperatively Planning Local Programs for Disadvantaged and Handicapped Learners 85
- Vocational Inservice Workshop for Secondary Principals and Counselors 86
- V-TECS Coordination, Development of Five V-TECS Domain Catalogs, and Development of an Agribusiness Domain Matrix 30
- Workshop for Teachers with Special Needs Students 64
- Workshop to Disseminate a Staff Development Model for Counselor Educators Served by Area Vocational Programs 73

SUBJECT INDEX

SUBJECT INDEX

Descriptor

- activity units 36
- administrative policy 54
- administrator education 51
67, 69
- administrators 72
- agribusiness 30
- apprenticeships 31
- area vocational schools 23,
34, 59, 73
- articulation (program) 41
- auto mechanics 41

- career choice 86
- career education 9, 17, 20
- catalogs 30
- certification 53
- cluster grouping 30
- communication skills 58
- consortia 32
- consultants 64
- consultation programs 26
- consumer education 36, 39
- continuing education 58
- cooperative education 37
- coordination 74
- coordinators 79
- cost effectiveness 76
- counseling instructional
programs 37
- counselor educators 18, 22,
28, 59, 73
- counselor training 17, 18,
20, 22, 28, 37, 59, 73
- counselors 77, 78
- course organization 23
- curriculum development 23,
29, 32, 35, 55, 62, 66,
71, 77, 85

- decision making 86
- decision making skills 9
- disadvantaged youth 19, 33,
38, 42, 43, 83, 85
- distributive education 63

- distributive education
teachers 26, 63

- educational administration
52, 54, 75, 81
- educational assessment 40
- educational needs 39
- educational planning 52, 62
- educational programs 19, 29,
40, 57, 67, 76
- educational resources 42, 43
- energy 78
- evaluation methods 54, 56

- federal legislation 65, 85
- fellowships 47
- followup studies 26
- food service occupations 84
- foods instruction 55

- handicapped students 19,
33, 38, 42, 43, 83, 85
- health occupations education
21, 27
- home economics education 55
- home economics teachers 38,
55
- homemaking education 36, 39
- human relations 9

- information dissemination 73
- information services 21, 27
- inservice education 8, 37,
41, 47, 51, 52, 58, 59, 60,
63, 64, 67, 68, 70, 72, 73,
76, 77, 78, 86
- inservice teacher education
7, 9, 21, 23, 26, 27, 30,
33, 35, 36, 38, 53, 55, 57,
60, 62, 65, 66, 71, 79, 84,
85
- inservice training 35
- instructional improvement 23
- instructional materials 23,
36, 38, 71

SUBJECT INDEX

- instructional programs 29, 31
- instructor coordinators 26
- interagency cooperation 51, 54, 67, 70, 82, 83
- interagency coordination 61
- interdisciplinary approach 51
- interinstitutional cooperation 42, 43, 54, 61, 71
- internship programs 53, 69
- internships 42, 43, 81
- interpersonal relationship 55
- leadership 47, 63, 75
- leadership training 53
- machinists 32
- management by objectives 52, 58
- management education 75
- management systems 54
- models 24, 25, 34, 68, 73, 76
- needs assessment 32, 38, 39, 40, 61, 68, 83
- nutrition instruction 55
- occupational guidance 37
- occupational home economics 38
- office occupations education 60
- organizational communication 82
- organizational effectiveness 75
- parent education 39
- performance based education 21, 27, 29, 30, 32, 35, 41, 77, 82, 83
- performance based teacher education 21, 27, 83
- planning 74
- postsecondary education 78, 84
- preservice education 13, 17, 18, 20, 22, 28, 31, 69, 81
- preservice teacher education 33, 35, 42, 43, 66
- professional continuing education 7, 8, 19, 21, 23, 27, 47, 51, 52, 61, 64, 65, 67, 68, 72, 74, 79, 82
- program development 31, 32, 57
- program evaluation 24, 25, 51, 67
- program planning 31, 51, 67
- projects 69, 81
- resource centers 17, 20
- school cadres 35
- schools districts 57
- school industry relationship 59
- school visitation 80
- secondary education 39, 84
- secondary school counselors 86
- sex differences 39
- simulation 63
- special education 33, 40, 64, 66
- staff improvement 56, 58, 70, 71, 79, 82
- state aid 12
- state departments of education 52, 56, 70
- state officials 69
- statewide planning 74
- student personnel services 34
- supervision 67
- supervisors 72
- task analysis 30, 41
- teacher certificates 61
- teacher certification 10
- teacher education 10, 12, 13, 24, 25
- teacher educators 12, 28, 63, 66, 83
- teacher seminars 80
- teaching methods 38, 42, 43
- teaching skills 7
- teenagers 39
- training objectives 30

S U B J E C T I N D E X

Descriptor

vocational agriculture teachers 13, 11, 80
vocational counseling 17, 18,
20, 22, 28, 37, 59
vocational directors 8, 47,
51, 54, 64, 77, 78, 86
vocational education 7, 8,
19, 23, 29, 35, 40, 47, 52,
54, 56, 58, 61, 62, 64, 65,
66, 67, 68, 69, 70, 72, 75,
76, 77, 78, 79, 81, 83, 85
vocational education teachers 8, 10, 12, 24, 25, 53,
57, 64, 71, 84

workshops 58, 59, 60, 61,
64, 73, 76, 78, 82, 84, 85,
86

youth clubs 63

OTHER

VOCATIONAL EDUCATION INFORMATION SERVICES

REPORT TITLES

Vocational Education Research and Exemplary Projects in Indiana, 1977, edited by Nancy Steenhausen. Abstracts and synthesizes research and development projects that were funded in 1977 under Indiana's plan for improving vocational education programs. 1979, 90pp. (Report Series No. 9). ED 176 123.

Students' Views on Occupational Sex Stereotyping, a project report by Diane S. Richards, and *Sex Equity Resources for Vocational Educators and Counselors*, a bibliography by JoAnn Brooks. Identifies sex bias influences on students' occupational choices and gives an annotated list of resources with which educators can begin to implement sex fair practices in the schools. 1979, 88pp. (Report Series No. 8). ED 167 782.

Vocational Programs in Indiana for Special Needs Students, 1978-1979, written by Elaine G. Eigeman. Abstracts and synthesizes 1978-1979 Indiana vocational programs for special needs students in the special projects funding category. 1978, 102pp. (Report Series No. 7. Out of print; copies available for loan only).

Vocational Education Research and Exemplary Projects in Indiana, 1976, edited by Elaine G. Eigeman and Nancy Steenhausen. Abstracts and synthesizes research and development projects that were funded in 1976 under Indiana's plan for improving vocational education programs. 1978, 70pp. (Report Series No. 6).

Research for Performance Based Vocational Education in Indiana, written by Bill R. West with an introduction by Ed Hornback. Outlines steps in the state's system for developing multi-occupational PBVE programs. 1978, 56pp. (Report Series No. 5). ED 153 012.